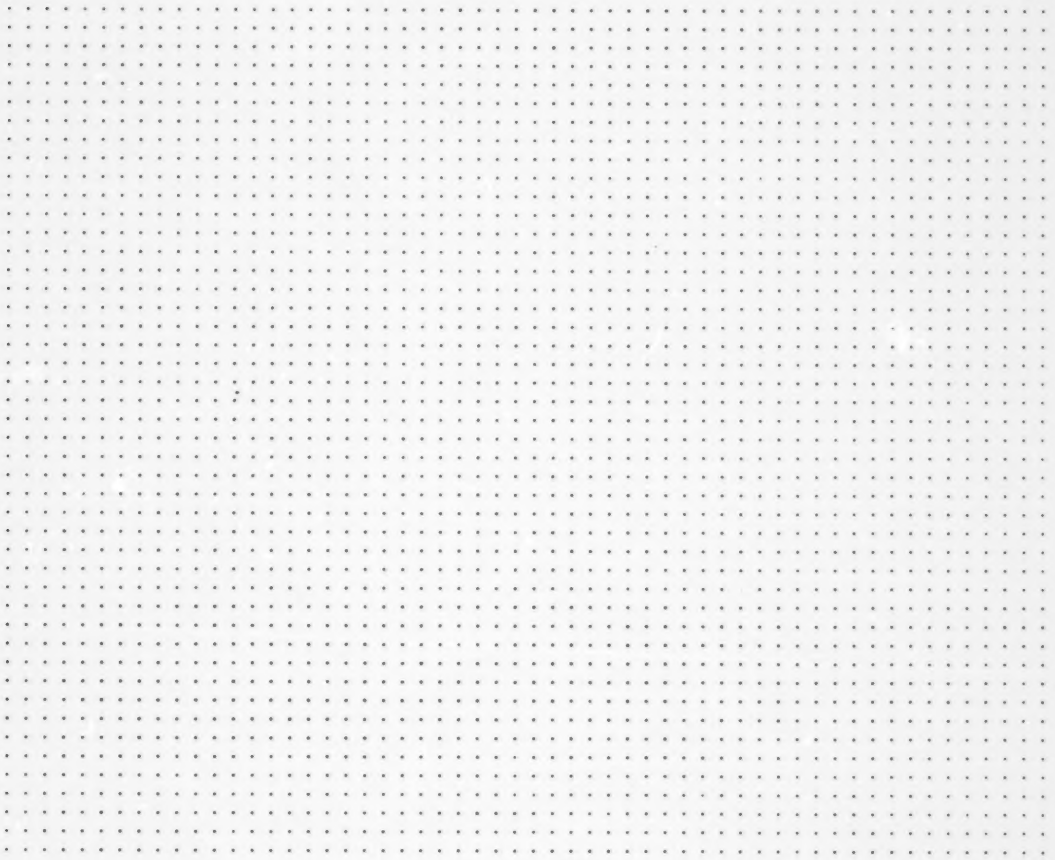
City of Scarborough

City Wide Arena Needs Study

Final Report



May, 1990

LEISUREPLAN INTERNATIONAL INC.

EXECUTIVE SUMMARY

The City Wide Arena Needs Study was initiated by the City of Scarborough in the Fall of 1989 and undertaken by LeisurePlan International Inc. The study investigated:

- the demands of current municipal arena users for ice time to operate their programs and activities,
- the potential impact of demographic and recreation participation trends on future demand for municipal arena facilities,
- the ability of the present supply of arena facilities to accommodate existing and future requirements, and
- the magnitude of demand for municipal arena facilities and the implications to the provision of arenas in the future.

The study followed a process of data collection and analysis and documentation of the major findings and conclusions. Data on use of Scarborough municipal arenas and user groups was provided by the City of Scarborough Recreation and Parks Department. As part of the data collection process, questionnaires were designed for block and occasional user groups which were distributed by the Recreation and Parks Department. Also, information on demographic and recreation activity trends was collected by LeisurePlan from a number of sources.

Throughout the study, a number of major findings and conclusions were made. The following is a summary of those major findings and conclusions:

- The population in Scarborough is expected to grow considerably. Projections for the year 2001 range from 522,500 to 550,000. As a result, there will be between 37,000 and 65,000 additional residents in Scarborough by 2001. The composition of the population will be changing as well. There will be a larger proportion of adults and older adults in the population. Also there will be a larger proportion of younger children (under 4 years of age) but fewer older children and teenagers in the population. The planning and design of arenas in the future should respond to these changes.

- A number of trends in participation in arena activities have been identified. Minor hockey is decreasing in popularity while adult hockey is increasing in popularity. This trend is evident in Scarborough where registrations for Scarborough Minor Hockey are declining. On the other hand, other non traditional youth activities appear to be increasing, e.g. intermediate hockey, church hockey, broomball, and girls hockey. The analysis in this report showed that overall, taking into account the above trends in individual activities, demand for arena time will be relatively constant and increase slightly. The major increase in demand for ice time will be based on the impact of population growth.

- Overall utilization of Scarborough Arenas in the winter season was : 20 % -non prime time and 94 % prime time, according to schedules provided by the Recreation and Parks Department. However, other information leads to the conclusion that effective utilization of the arenas in prime time in the winter season is close to 100%. The unutilized ice time is due to small unusable 15 minute segments between major bookings, time used for maintenance and lower utilization between 11 pm and midnight at the Ice Galaxy. In addition, casual and last minute rentals are not included in the available data, and some of the "unutilized" ice time is rented.

- Based on the findings of the survey the current needs for prime ice time of existing users which are not being met are 57 hours per week for block users and 8.5 hours per week for occasional users. This totals 65.5 hours of prime time per week or 1,619 hours per winter season. This is the prime ice time required by user groups to operate programs and activities to meet existing demand. As a result of this analysis, it was concluded that another ice pad is required to meet current demand. If another ice pad were built, 84% of prime time could be utilized immediately.

- Based on the analysis of current arena needs, the standard of provision for municipal arenas should be 1 ice pad per 24,425.

- In the future, additional arenas will be required to meet the demand created by population growth in the City. The following are arena requirements in the future:

  - one additional arena (two ice pads) by 1991
  - one to two arenas (each with two ice pads) by 2001 if the population reaches approximately 537,000
  - no additional arenas required after 2001 due to decrease in population

- Priority areas for development of municipal arenas in the future were identified. When new arena facilities are developed, these areas should be considered for the location to ensure that all areas of the City are serviced. The priority areas are:

  - Centennial and Highland Creek area
  - Birchcliff area
  - Milliken and Steeles area

- In order to meet the needs of future arena users (i.e. more adults, more variety in types of leagues, programs), a number of characteristics of arena facilities should be considered. Changerooms should be sized to accommodate both youth and adult teams. As a result, changerooms in existing facilities may need to be upgraded to meet these requirements. Also showers should be included as part of changeroom facilities. Also, the Recreation and Parks Department should assign user groups to arenas of appropriate size, taking into account both size of the ice surface and size of changerooms.

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1.0 Introduction

City Wide Arena Needs Study

City of Scarborough

LEISUREPLAN INTERNATIONAL INC.

1.0 INTRODUCTION

1.1 Purpose of the Study

In the fall of 1989, LeisurePlan International Inc. was requested by the City's Recreation and Parks Department to undertake a City Wide Arena Needs Study.

The purpose of the study was to report on :

- the demands of current municipal arena users for additional hours for their activities,
- the potential impact of municipal demographic trends and provincial/national arena activity participation trends on the future demand for municipal arena facilities,
- the ability of the present supply of municipal arenas to respond to and accommodate existing and future requirements, and
- the magnitude of potential demand and the possible implications to the planning and provision of future municipal arenas.

1.2 Study Process

The study included a process of data collection, data analysis and subsequent reporting of findings and conclusions.

It should be noted that all data concerning the present operation and utilization of the municipal arenas has been provided by the Department of Recreation and Parks. LeisurePlan has interpreted and analyzed the data provided.

1.3 User Group Consultation

To assist in the identification and evaluation of arena users future activity and facility requirements, two research instruments were designed and implemented. Arena users were initially categorized, by municipal staff, as either Block Users or Occasional Users. A specific questionnaire was subsequently developed to solicit data, opinions and issues from each type of user. Lists of user groups were established by the Department and the surveys were distributed in December 1989. The results of the completed and returned surveys are presented in this report.

2.0 Present Provision of Municipal Arena Facilities

City Wide Arena Needs Study

City of Scarborough

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2.0 PRESENT PROVISION OF MUNICIPAL ARENA FACILITIES

In this section, an overview of the municipal arenas in the City is provided along with a profile of their operation. This establishes an inventory of municipal arena facilities, the type and characteristics of facilities and the operating hours available for use by the public. In addition, issues and concerns related to the arena facilities are identified.

2.1 Profile of Provision

2.1.1 Overview of Arena Provision

Table 2.1 lists the municipal arena facilities, their location and characteristics.

At the present time there are ten municipal arena facilities in the City of Scarborough, containing a total of nineteen ice pads. Almost all of the arenas have two ice pads. Scarborough Village Recreation Centre is the only arena facility with a single ice surface.

The location of the arenas in Scarborough is illustrated in Map 2.1. Nine of the fourteen Wards in the City of Scarborough contain an arena facility. There are no municipal arena facilities in Wards 1, 3, 6, 8, and 11. A privately operated facility, Scarboro Arena Gardens is located in Ward 1. Two of the facilities, McGregor Park and Mid Scarborough, are located in Ward 4.

The majority of municipal arena facilities are older buildings, with the average age of all arenas being 22 years. Scarborough Village and Malvern are the most recently developed facilities (8 years), Agincourt and Heron Park are the oldest municipal arenas (33 years).

Ice surface dimensions vary in the municipal arenas. Six ice pads are 185 x 85 feet, four are 175 x 75 feet, whereas the size of other remaining nine ice pads differ. The largest ice surface is the Ice Galaxy (200 x 100 ft.), located at Scarborough Centennial Recreation Centre. The two smallest ice surfaces are located at Heron Park and McGregor Park Recreation Centres.

The provision of permanent and temporary seating in the municipal arena facilities varies for each facility. Scarborough Centennial Recreation Centre has a total of 1,500 permanent seats and temporary bleachers, the largest seating capacity of all the facilities.

In general the municipal arenas are part of larger recreation centres. As such, a variety of both indoor and outdoor activity areas have been developed in association with the arenas.

TABLE 2.1

SCARBOROUGH MUNICIPAL ARENA INVENTORY

Arena	Location		Facility Characteristics				
Name	Ward	Address	Age of Arena (Years)	# of Ice Pads	Ice Surface Dimension (ft.)	Total Ice Surface Square Footage	# of Seats
AGINCOURT RECREATION CENTRE	12	31 Glen Watford Drive	33	2	• 180 x 75 • 180 x 75	27,000	•100 permanent
SCARBOROUGH CENTENNIAL RECREATION CENTRE	5	1967 Ellesmere Road	23	2	•185 x 85 • 200 x 100 (Ice Galaxy)	35,725	• 1000 permanent • 500 permanent and bleachers
CLAIRLEA RECREATION CENTRE	2	45 Fairfax Crescent	29	2	• 175 x 75 • 175 x 75	26,250	• 50 temporary bleachers in total
COMMANDER PARK ARENA and COMMUNITY HALL	13	140 Command-er Blvd.	19	2	• 200 x 85 • 200 x 85	34,000	• 200 permanent • 200 permanent
HERON PARK RECREATION CENTRE	9	292 Manse Road	33	2	• 179 x 80 • 159 x 69	25,291	• 100 permanent
MALVERN COMMUNITY RECREATION CENTRE and LIBRARY	14	30 Sewelles Road	8	2	• 185 x 85 • 185 x 85	31,450	• 300 temporary bleachers • 300 temporary bleachers
MCGREGOR PARK RECREATION CENTRE	4	2231 Lawrence Avenue E.	32	2	• 180 x 80 • 160 x 69	25,440	• 100 permanent
MID SCARBOROUGH RECREATION CENTRE	4	2467 Eglinton Avenue E.	15	2	• 185 x 85 • 185 x 85	31,450	• 300 permanent • 300 permanent
SCARBOROUGH VILLAGE RECREATION CENTRE	7	3600 Kingston Road	8	1	•185 x 85	15,725	nil
STEPHEN LEACOCK ARENA	10	2500 Birch-mount Road	20	2	• 175 x 75 • 175 x 75	26,250	• 50 permanent • 50 permanent
TOTAL: 10				19			

TOWN OF MARKHAM
Steeles Ave. E.
CITY OF NORTH YORK
TOWN OF PICKERING
BOROUGH OF EAST YORK
Lake Ontario
Finch
Sheppard Ave. E.
Progress Ave.
Ellesmere Rd.
Lawrence Ave. E.
Eglinton Ave. E.
Kingston Rd.
401
Victoria Park Ave. E.
Huntingwood Rd.
Passmore Ave.
Tapscott Rd.
Nielson Rd.
Sewells Rd.
Meadowvale Rd.
Middlefield Rd.
Mc Cowan Rd.
Markham Rd.
Warden Ave E.
Birchmount Rd.
Kennedy Rd.
Midland Ave.
Brimley Rd.
Morningside Ave
Port Union Rd.
Victoria Park
Pharmacy
Clair Ave.
Danforth Rd.
10
11
12
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1
2
3
4
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6
7
8
9
MAP 1
LOCATION OF ARENAS
IN SCARBOUROUGH
N
scale
0 1 KM 2 3
Legend
Municipal Boundary
Double Pad Arena
Single Pad Arena
Non- municipal Arena
Political Boundary and Ward Number
1 Stephen Leacock
2 Agincourt
3 Commander Park
4 Malvern
5 Centennial
6 Mc Gregor Park
7 Clairlea
8 Mid Scarborough
9 Heron Park
10 Scarborough Village
11 Scarborough Arena Gardens

2.1.2 Profile of Arena Operation

Table 2.2 presents a profile of the operation of the ten municipal arenas in Scarborough. This includes length of the operating season, weeks of operation and number of hours of ice and non-ice time available. The prime and non prime hours of ice time per week and total hours available per year for each facility are listed in Tables 2.3 and 2.4 respectively.

Five facilities, which include Scarborough Village, Mid Scarborough, Malvern, Commander Park and the Ice Galaxy (Scarborough Centennial), are year round operations. The first four arenas operate from 7:00 am to midnight weekdays, and midnight to midnight on weekends, 35 weeks a year and 8:00 am to midnight weekdays and weekends for 17 weeks. The Ice Galaxy hours of operation are different on weekends for 35 weeks a year as the arena operates from 7:00 am to midnight, as opposed to midnight to midnight.

Agincourt, Clairlea, Heron Park, McGregor, Stephen Leacock and Scarborough Centennial (hockey arena) facilities have both an ice season and a dry (no ice) season. The ice season operates from approximately September 15th to April 15th for a total of 30 weeks. During the ice season all arenas operate 7:00 am to midnight weekdays and midnight to midnight on weekends. The dry season operates the remaining 22 weeks on a 7:00 am to midnight demand schedule.

Prime and non prime ice time hours are standard for all Scarborough municipal arenas with the exception of Scarborough Centennial Ice Galaxy. Generally prime time weekday hours are 6:00 pm to midnight and weekend hours are 7:00 am to midnight. In total, there are 47,472 hours of prime ice time provided per year in the municipal arenas. During the winter season which is 35 weeks of the year there is 39,040 hours of prime ice time available, 48.4% of the total winter hours. A total of 8,432 prime time hours are available during the summer weeks which is 55.4% of the total summer hours.

Non prime time hours for the year round ice time facilities (excluding the Ice Galaxy) are 7:00 am to 6:00 pm weekdays and midnight to 7:00 am on weekends, 35 weeks a year. During the remaining 17 weeks non prime time hours are available only on weekdays from 8:00 am to 6:00 pm. The other facilities generally operate 7:00 am to 6:00 pm and midnight to 7:00 am for 30 weeks. The Ice Galaxy has no non prime ice time on weekends year round. In total, there are 48,400 hours of non prime ice time provided per year in the municipal arenas. During the winter season 41,600 hours of non prime ice time is available and 6,800 during the summer season.

Overall there are 95,872 hours of ice time provided per year in Scarborough municipal arenas. A total of 80,640 ice hours (84%) are available during the winter season and 15,232 ice hours (16%) during the summer season. Prime time hours account for 49.5% and non prime time hours 50.5% of the total hours provided.

TABLE 2.2

ARENA OPERATION PROFILE

Arena	Season / Dates		Number of Operating Weeks		Weekday Hours		Weekend Hours	
Name	Ice Time	Dry Time	Ice Time	Dry Time	Ice Time	Dry Time	Ice Time	Dry Time
AGINCOURT RECREATION CENTRE	September 15th - April15th (approx.)	April 15th - September 15th (approx.)	30	22	7:00 AM - Midnight	On demand 7:00 AM - Midnight	Midnight - Midnight	On demand 7:00 AM - Midnight
SCARBOROUGH CENTENNIAL RECREATION CENTRE • Hockey Arena	September 15th - April15th (approx.)	April 15th - September 15th (approx.)	30	22	7:00 AM - Midnight	On demand 7:00 AM - Midnight	Midnight - Midnight	On demand 7:00 AM - Midnight
SCARBOROUGH CENTENNIAL RECREATION CENTRE • Ice Galaxy	Year Round		35 17		7:00 AM - Midnight 8:00 AM - Midnight		7:00 AM - Midnight 8:00 AM - Midnight	
CLAIRLEA RECREATION CENTRE	September 15th - April15th (approx.)	April 15th - September 15th (approx.)	30	22	7:00 AM - Midnight	On demand 7:00 AM - Midnight	Midnight - Midnight	On demand 7:00 AM - Midnight
COMMANDER PARK ARENA and COMMUNITY HALL	Year Round		35 17		7:00 AM - Midnight 8:00 AM - Midnight		Midnight - Midnight 8:00 AM - Midnight	
HERON PARK RECREATION CENTRE	September 15th - April15th (approx.)	April 15th - September 15th (approx.)	30	22	7:00 AM - Midnight	On demand 7:00 AM - Midnight	Midnight - Midnight	On demand 7:00 AM - Midnight
MALVERN COMMUNITY RECREATION CENTRE and LIBRARY	Year Round		35 17		7:00 AM - Midnight 8:00 AM - Midnight		Midnight - Midnight 8:00 AM - Midnight	
MCGREGOR PARK RECREATION CENTRE	September 15th - April15th (approx.)	April 15th - September 15th (approx.)	30	22	7:00 AM - Midnight	On demand 7:00 AM - Midnight	Midnight - Midnight	On demand 7:00 AM - Midnight
MID SCARBOROUGH RECREATION CENTRE	Year Round		35 17		7:00 AM - Midnight 8:00 AM - Midnight		Midnight - Midnight 8:00 AM - Midnight	
SCARBOROUGH VILLAGE RECREATION CENTRE	Year Round		35 17		7:00 AM - Midnight 8:00 AM - Midnight		Midnight - Midnight 8:00 AM - Midnight	
STEPHEN LEACOCK ARENA	September 15th - April15th (approx.)	April 15th - September 15th (approx.)	30	22	7:00 AM - Midnight	On demand 7:00 AM - Midnight	Midnight - Midnight	On demand 7:00 AM - Midnight

TABLE 2.3

PRIME ICE TIME HOURS

Arena	# of Ice Pads	Prime Time Hours		Total # of Prime Time Hours / Week	# of Weeks per Season	Total # of Prime Time Ice Hours / Season	
Name		Weekdays	Weekends		Ice Time	Winter (35 wks.)	Summer (17 wks.)
AGINCOURT RECREATION CENTRE	2	6:00 PM to 12 Midnight	7:00 AM to 12 Midnight	128 (64 x 2)	30	3840 (1920 x 2)	–
SCARBOROUGH CENTENNIAL RECREATION CENTRE •Hockey Arena	1	6:00 PM to 12 Midnight	7:00 AM to 12 Midnight	64	30	1920	–
SCARBOROUGH CENTENNIAL RECREATION CENTRE •Ice Galaxy	1	6:00 PM to 12 Midnight (52 wks.)	7:00 AM to 12 Midnight (35 wks.)	64	35	2240	
			8:00 AM to 12 Midnight (17 wks.)	62	17		1054
CLAIRLEA RECREATION CENTRE	2	6:00 PM to 12 Midnight	7:00 AM to 12 Midnight	128 (64 x 2)	30	3840 (1920 x 2)	–
COMMANDER PARK ARENA and COMMUNITY HALL	2	6:00 PM to 12 Midnight (52 wks.)	7:00 AM to 12 Midnight (35 wks.)	128 (64 x 2)	35	4480 (2240)	
			8:00 AM to 12 Midnight (17 wks.)	124 (62 x 2)	17		2108 (1054)
HERON PARK RECREATION CENTRE	2	6:00 PM to 12 Midnight	7:00 AM to 12 Midnight	128 (64 x 2)	30	3840 (1920 x 2)	–
MALVERN COMMUNITY RECREATION CENTRE and LIBRARY	2	6:00 PM to 12 Midnight (52 wks.)	7:00 AM to 12 Midnight (35 wks.)	128 (64 x 2)	35	4480 (2240)	
			8:00 AM to 12 Midnight (17 wks.)	124 (62 x 2)	17		2108 (1054)
MCGREGOR PARK RECREATION CENTRE	2	6:00 PM to 12 Midnight	7:00 AM to 12 Midnight	128 (64 x 2)	30	3840 (1920 x 2)	–
MID SCARBOROUGH RECREATION CENTRE	2	6:00 PM to 12 Midnight (52 wks.)	7:00 AM to 12 Midnight (35 wks.)	128 (64 x 2)	35	4480 (2240)	
			8:00 AM to 12 Midnight (17 wks.)	124 (62 x 2)	17		2108 (1054)
SCARBOROUGH VILLAGE RECREATION CENTRE	1	6:00 PM to 12 Midnight (52 wks.)	7:00 AM to 12 Midnight (35 wks.)	64	35	2240	
			8:00 AM to 12 Midnight (17 wks.)	62	17		1054
STEPHEN LEACOCK ARENA	2	6:00 PM to 12 Midnight	7:00 AM to 12 Midnight	128 (64 x 2)	30	3840 (1920 x 2)	–
TOTAL:	19					39,040	8,432
							47,472

TABLE 2.4

NON PRIME ICE TIME HOURS

Arena	# of Ice Pads	Non Prime Time Hours		Total # of Non Prime Time Hours / Week	# of Weeks per Season	Total # of Non Prime Time Ice Hours / Season	
Name		Weekdays	Weekends		Ice Time	Winter (35 wks.)	Summer (17 wks.)
AGINCOURT RECREATION CENTRE	2	7:00 AM to 6:00 PM	12 Midnight to 7:00 AM	138 (69 x 2)	30	4140 (2070 x 2)	-
SCARBOROUGH CENTENNIAL RECREATION CENTRE •Hockey Arena	1	7:00 AM to 6:00 PM	12 Midnight to 7:00 AM	69	30	2070	-
SCARBOROUGH CENTENNIAL RECREATION CENTRE	1	7:00 AM to 6:00 PM (35 wks.)	-	55	35	1925	
•Ice Galaxy		8:00 AM to 6:00 PM (17 wks.)	-	50	17		850
CLAIRLEA RECREATION CENTRE	2	7:00 AM to 6:00 PM	12 Midnight to 7:00 AM	138 (69 x 2)	30	4140 (2070 x 2)	-
COMMANDER PARK ARENA and COMMUNITY HALL	2	7:00 AM to 6:00 PM (35 wks.)	12 Midnight to 7:00 AM (35 wks.)	138 (69 x 2)	35	4830 (2415 x 2)	
		8:00 AM to 6:00 PM (17 wks.)	-	100 (50 x 2)	17		1700 (850 x 2)
HERON PARK RECREATION CENTRE	2	7:00 AM to 6:00 PM	12 Midnight to 7:00 AM	138 (69 x 2)	30	4140 (2070 x 2)	-
MALVERN COMMUNITY RECREATION CENTRE and LIBRARY	2	7:00 AM to 6:00 PM (35 wks.)	12 Midnight to 7:00 AM (35 wks.)	138 (69 x 2)	35	4830 (2415 x 2)	
		8:00 AM to 6:00 PM (17 wks.)	-	100 (50 x 2)	17		1700 (850 x 2)
MCGREGOR PARK RECREATION CENTRE	2	7:00 AM to 6:00 PM	12 Midnight to 7:00 AM	138 (69 x 2)	30	4140 (2070 x 2)	-
MID SCARBOROUGH RECREATION CENTRE	2	7:00 AM to 6:00 PM (35 wks.)	12 Midnight to 7:00 AM (35 wks.)	138 (69 x 2)	35	4830 (2415 x 2)	
		8:00 AM to 6:00 PM (17 wks.)	-	100 (50 x 2)	17		1700 (850 x 2)
SCARBOROUGH VILLAGE RECREATION CENTRE	1	7:00 AM to 6:00 PM (35 wks.)	12 Midnight to 7:00 AM (35 wks.)	69	35	2415	
		8:00 AM to 6:00 PM (17 wks.)	-	50	17		850
STEPHEN LEACOCK ARENA	2	7:00 AM to 6:00 PM	12 Midnight to 7:00 AM	138 (69 x 2)	30	4140 (2070 x 2)	-
TOTAL:	19					41,600	6,800
							48,400

2.1.3 Facility Issues

In order to evaluate the arena facilities and identify issues related to the provision of arena facilities, the Assistant Director, Recreation Facilities was requested to document staff concerns with the arena facilities.

Table 2.5 highlights the staff issues for each arena. The majority of these issues concern the physical plant. For example, a common issue is the aging facilities, especially those constructed in the 1950s and 60s, which include Heron Park, Agincourt, McGregor Park, Clairlea, and Centennial (Hockey) arenas. There is also expressed concerns about five of the arena rink dividers and shower facilities. Access and parking also appear to be common problems. On-going issues for all arenas include replacement of obsolete scoreclocks and aging sound equipment. The Department is responding to many of these concerns through on-going maintenance and renovation programs.

TABLE 2.5

FACILITY ISSUES

Arena	Issues / Concerns
Agincourt	- Aging facility - Access - Divider between rinks - Adults on undersized rinks - Showers - Parking
Scarborough Centennial	•Hockey Arena - Aging facility - Requires repairs - Showers •Ice Galaxy - Sound system
Clairlea	- Aging facility - Size of rooms - Divider between rinks - Floating pads from perma frost - Direct ammonia system - Showers - Cold conditions - Lack of community support for recreational skating
Commander Park	- Aging plant - Maintenance - Parking and access
Heron Park	- Aging facility - Ammonia system to summer '90 - Divider between rinks - Small surface - Parking - Showers - Dressing room size
Malvern	- Demand exceeds availability - Ramping to get zamboni on ice surfaces
McGregor Park	- Aging facility - Divider between rinks - Undersized rink - Dressing rooms - Showers - Parking
Mid Scarborough	- Link to Community Centre from lobby
Scarborough Village	- Seating - Second surface
Stephen Leacock	- Divider between rinks - Parking
All Arenas	- Ongoing replacement of obsolete scoreclocks - Ongoing replacement of aging sound equipment

2.2 Summary

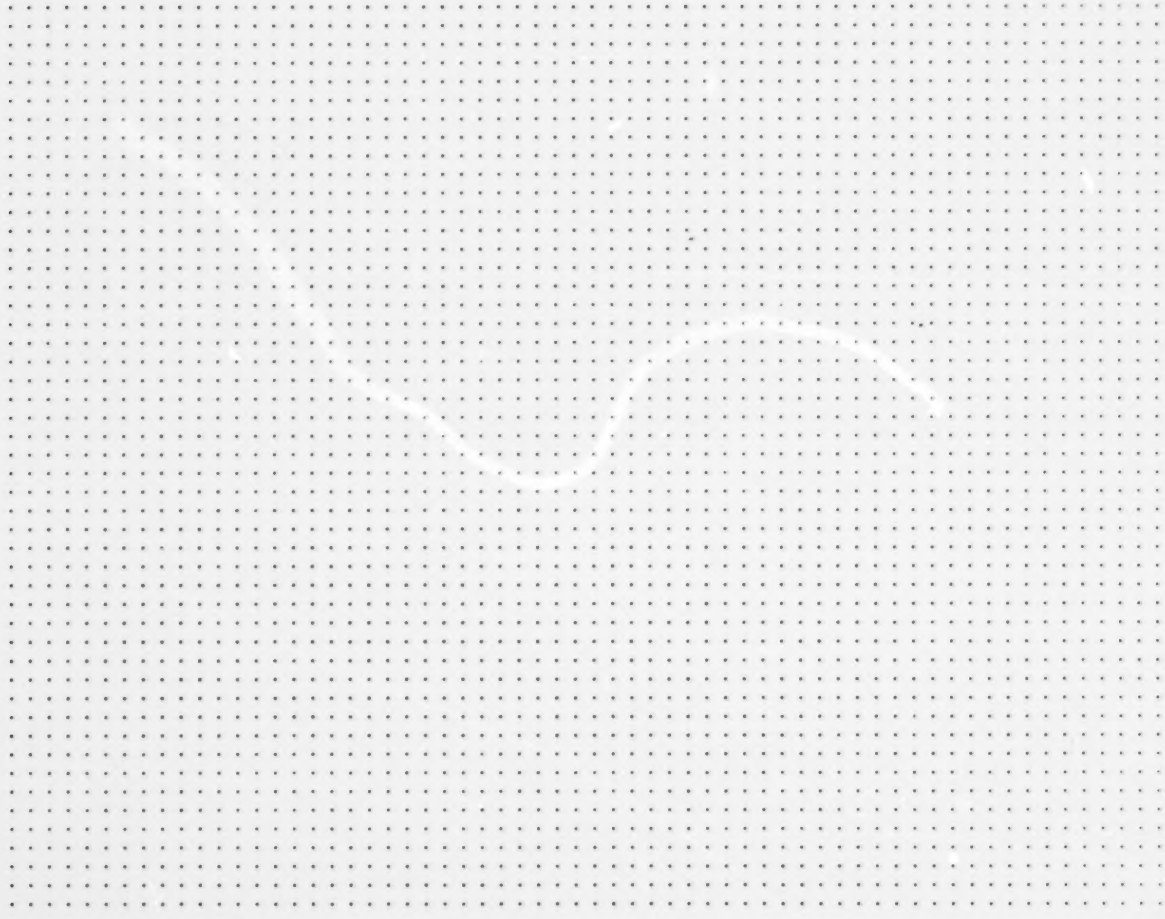
- There are 10 municipal arenas providing 19 ice pads.
- Ten of fourteen Wards in Scarborough contain a municipal or private arena facility. There are no arenas located in Wards 3, 6, 8 and 11.
- The arenas are relatively old.
- Ice pad size, number of seats provided and related activity areas vary widely among arenas.
- Five arenas operate with ice all year. The winter ice season is 35 weeks and the summer ice season is 17 weeks. The ice season in remaining arenas is generally 30 weeks (September 15th to April 15th).
- Generally the hours of operation during ice season are from 7:00 am to midnight on weekdays and midnight to midnight on weekends. The year round facilities ice time is 8:00 am to midnight on weekends during the summer months (17 weeks).
- The designation of prime and non prime time ice hours is standard for all arenas.
- There is a total of 95,872 hours of ice-time provided per year in existing municipal arenas in Scarborough. A total of 80,640 ice hours are available during the winter season (84%) and 15,232 ice hours during the summer season (16%). Winter season prime time is 39,040 hours which accounts for 48.4% of total winter hours. Non prime time hours total 41,600 (51.6%) of total winter hours.
- In total, 47,472 hours of prime ice time is provided; 39,040 (82.2%) during the winter season and 8,432 (17.8%) in the summer season. In total, 48,400 hours of non prime ice time is provided; 41,600 (86%) during the winter season and 6,800 (14%) in the summer season. Prime time hours account for 49.5% and non prime time hours 50.5% of the overall total ice hours provided.
- From September 15th to April 15th on any given week there are:

  - 2,513 hours of ice time provided in Scarborough municipal arenas
  - 1,216 hours of this are prime time (48.38%)
  - 1,297 hours are non prime time (51.61%)

- A common concern related to present municipal arenas is the number of years that the facilities have been operating and the related physical maintenance and replacement issues.

3.0 Present Utilization of Municipal Arenas

City Wide Arena Needs Study



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3.0 PRESENT UTILIZATION OF MUNICIPAL ARENAS

The existing municipal arena users and their utilization of municipal arena facilities are analyzed in this section of the report.

3.1 Overview of Scarborough Municipal Arena Uses and Users

There are typically two seasons for arena users; winter and summer. The majority of groups utilize the facilities when ice time is available, usually during the winter season. For some users, facility ice time is used year round. Ice time activities include hockey, figure skating, free skating, broomball and ringette. During the non ice season user group activities include ball hockey, lacrosse, roller hockey, sports camps and special events.

The Department of Recreation and Parks uses ice time for instructional and recreational programs for all age groups on a drop-in or registration basis. The registered programs include power skating, learn to skate, learn to figure skate and hockey and goalie schools. Drop-in activities include shinny and recreational skating. The variety and/or numbers of arena programs presently offered by the Department has been assumed to stay constant. There is an established need but the program has not been expanded because of the lack of available prime time ice. Therefore the present ice hours used by the Department is assumed to be the same in the future.

The Scarborough Recreation and Parks Department categorizes municipal arena user groups as block users and occasional users. Block users are mainly associations or leagues that are seasonally allocated a block number of facility hours. For example, the Scarborough Ringette Association and the West Hill Hockey Association are considered block user groups. These major organizations would then distribute the allocated ice time among their affiliated teams. There are approximately 37 block user groups. Occasional users are, just as the name implies, occasional users that could change from year to year. They are groups that are alloted a specific time to use every week. For example, an Adult Hockey Team could be allocated ice time on Friday evening from 10:00 to 11:00 pm from September to March. In addition to the above user groups, there are periodic renters when ice time is available for the team/group to rent on a one time basis.

An ice distribution policy was approved by Scarborough City Council in order to provide City ice to Scarborough residents on an equitable basis. The policy states that all directly-operated Recreation and Parks ice programs and recreational skating are a first priority for ice allocation. The policy also indicates that ice user groups / leagues who have reserved ice time for many years, such as skating clubs, oldtimers leagues and hockey schools, will have their ice commitments honoured as a first priority as well. After the above groups have been satisfied, the Scarborough Hockey Association (SHA), the governing body of hockey in Scarborough, is allotted ice hours. According to department staff, the SHA was allocated approximately 560 hours in total for the 1989-90 season. New house league groups (when there is a demonstrated void), the Metro Toronto Hockey League and the Ontario Hockey League are given an opportunity to reserve ice after the above client groups have been accommodated, however there is minimal ice time left. There are some client groups that want to rent ice time but there is no time available to meet their requests.

The following are descriptions of the ice user categories developed by the Scarborough Recreation and Parks Department. Ice time is allocated to each group on the basis of the category they are in and the City policies.

- **FORMULA:** A mutually agreed formula allocation policy for affiliates of the Scarborough Hockey Association. Affiliates include:

  - Scarborough Hockey Association - Competitive series
  - Agincourt Canadians Hockey League
  - Agincourt Lions Hockey League
  - Cedar Hill Minor Hockey League
  - Scarborough City Cougars Hockey League
  - Scarborough Girls Hockey League
  - Scarborough Ringette Association
  - Scarborough Sabres Hockey League
  - Scarborough Malvern Hockey League
  - West Hill Minor Hockey Association
  - Wexford Hockey Association

- **MINOR** Groups oriented to minor age categories and supervised by volunteer coaches or adults and not included in formula category.

  Figure skating.

- **GENERAL** Adults or commercial groups oriented to minors.

- **OTHER** Boards of Education
  - Primary
  - Secondary

  Patch and free skate figure skating rentals
  Clinics

- **INSTRUCTIONAL** Department operated instructional programs

- **RECREATIONAL** Public Skating

3.2 Arena Ice Utilization

The Recreation and Parks Department summarizes monthly ice usage for each arena facility using the ice usage categories described earlier in this section. Tables 3.1 to 3.3 illustrate standard ice usage for a month during the winter seasons in 1988, 1989 and 1990. The summaries show the total number of hours allocated to each category and overall totals. This provides an indication of the proportion of ice time used by the various categories of users. Table 3.4 presents an overview of total ice usage per month from 1988 to 1990.

During the past three seasons it appears that 'formula' and 'general' groups have utilized the majority of ice hours. The three tables indicate that over 2400 ice hours per month are allocated to these groups. These include SHA affiliated groups, adults and commercial minor providers. The third highest user of ice time and the amount of hours changes from department recreational programs/activities in 1988 to 'Other' users such as the Board of Education and figure skating in 1989-90. The total numbers allocated appear to fluctuate from 1988 to 1990.

Monthly ice usage in 1988 shows that Stephen Leacock, Scarborough Centennial, and Heron Park facilities had the highest total number of ice hours respectively. In 1989 however, the allocation changes as Scarborough Centennial had the most ice hours with Malvern and Heron Park arenas having the second and third highest totals. In 1990 Malvern and Scarborough Centennial are only two facilities with over 700 hours, by far the highest ice usage.

Scarborough Village has the lowest ice usage recorded but this does not reflect overall ice usage as this is the only facility with one ice surface. In actuality Commander Park, Scarborough Village and Clairlea arenas have the lowest ice usage during the past three years.

TABLE 3.1

MONTHLY ICE USAGE SUMMARY
February 1988

ARENA	Monthly Ice Hours			Monthly Ice Hours			TOTAL
NAME	FORMULA	MINOR	GENERAL	OTHER	INST.	REC.	
AGINCOURT RECREATION CENTRE	321	3	205	34	32	24	619
SCARBOROUGH CENTENNIAL RECREATION CENTRE	350	–	127	24	50	140	691
CLAIRLEA RECREATION CENTRE	83	128	320	38	–	32	601
COMMANDER PARK ARENA and COMMUNITY HALL	336	30	185	–	–	–	551
HERON PARK RECREATION CENTRE	310	11	167	93	31	68	680
MALVERN COMMUNITY RECREATION CENTRE and LIBRARY	181	8	399	44	12	24	668
MCGREGOR PARK RECREATION CENTRE	116	94	289	41	46	23	609
MID SCARBOROUGH RECREATION CENTRE	284	20	206	12	4	62	588
SCARBOROUGH VILLAGE RECREATION CENTRE	137	–	143	6	24	46	356
STEPHEN LEACOCK ARENA	230	34	250	112	36	32	694
TOTAL:	2384	328	2291	404	235	451	6057

TABLE 3.2

MONTHLY ICE USAGE SUMMARY
February 1989

ARENA	Monthly Ice Hours			Monthly Ice Hours			TOTAL
NAME	FORMULA	MINOR	GENERAL	OTHER	INST.	REC.	
AGINCOURT RECREATION CENTRE	248	50	243.5	45	32	34	652.5
SCARBOROUGH CENTENNIAL RECREATION CENTRE	350	0	120	146	45	138	799
CLAIRLEA RECREATION CENTRE	72	106.5	364	25.5	8	32	608
COMMANDER PARK ARENA and COMMUNITY HALL	267	80.5	171	92.5	0	0	611
HERON PARK RECREATION CENTRE	293	0	102	215	32	68	710
MALVERN COMMUNITY RECREATION CENTRE and LIBRARY	196	8	400	88.5	12	29	733.5
MCGREGOR PARK RECREATION CENTRE	85	166	317	23	55	27	673
MID SCARBOROUGH RECREATION CENTRE	282.25	59.75	197.5	2	4	60	605.5
SCARBOROUGH VILLAGE RECREATION CENTRE	118	2	120	44	24	32	340
STEPHEN LEACOCK ARENA	229	57	227	137	29	24	703
TOTAL:	2140.25	529.75	2262	818.5	241	444	6435.5

TABLE 3.3

MONTHLY ICE USAGE SUMMARY
February 1990

ARENA	Monthly Ice Hours			Monthly Ice Hours			TOTAL
NAME	FORMULA	MINOR	GENERAL	OTHER	INST.	REC.	
* AGINCOURT RECREATION CENTRE	220	67	223	59	24	28	621
SCARBOROUGH CENTENNIAL RECREATION CENTRE	347	24	132	72	51	108	734
* CLAIRLEA RECREATION CENTRE	82	90	335	49	8	30	594
COMMANDER PARK ARENA and COMMUNITY HALL	302	30	180	71	0	0	583
HERON PARK RECREATION CENTRE	268	0	124	178	32	68	670
MALVERN COMMUNITY RECREATION CENTRE and LIBRARY	189	8	382.5	112	12	32	735.5
MCGREGOR PARK RECREATION CENTRE	68	143	361	4	33	25	634
MID SCARBOROUGH RECREATION CENTRE	292.5	72.75	177.5	0	4	60	606.75
SCARBOROUGH VILLAGE RECREATION CENTRE	136	0	109.5	60	24	44	373.5
STEPHEN LEACOCK ARENA	234	8	247	92	28	24	633
TOTAL:	2138.5	442.75	2271.5	697	216	419	6184.75

* It should be noted that Clairlea Arena was shut down from Sept. - Nov. 1989 due to an amonia leak. Participants were relocated to the Agincourt facility.

TABLE 3.4

COMPARISON OF ICE USAGE HOURS
1988 - 1990

ARENA NAME	Total Monthly Ice Hours						Total Monthly Ice Hours					
	Feb. '88		Feb. '89		Feb. '90		Feb. '88		Feb. '89		Feb. '90	
	#	%	#	%	#	%	#	%	#	%	#	%
AGINCOURT RECREATION CENTRE	529	85	541.5	83	510	82	90	15	111	17	111	18
SCARBOROUGH CENTENNIAL RECREATION CENTRE	477	69	470	59	503	69	214	31	329	41	231	31
CLAIRLEA RECREATION CENTRE	531	88	542.5	89	507	85	70	12	65.5	11	87	15
COMMANDER PARK ARENA and COMMUNITY HALL	551	100	518.5	85	512	88	0	0	92.5	15	71	12
HERON PARK RECREATION CENTRE	488	72	395	56	392	59	192	28	315	44	278	41
MALVERN COMMUNITY RECREATION CENTRE and LIBRARY	588	88	604	82	579.5	79	80	12	129.5	18	156	21
MCGREGOR PARK RECREATION CENTRE	499	82	568	84	572	90	110	18	105	16	62	10
MID SCARBOROUGH RECREATION CENTRE	510	87	539.5	89	542.7	89	78	13	66	11	64	11
SCARBOROUGH VILLAGE RECREATION CENTRE	280	79	240	71	245.5	66	76	21	100	29	128	34
STEPHEN LEACOCK ARENA	514	74	513	73	489	77	180	26	190	27	144	23
TOTAL:	4967	82	4932	77	4852.75	78	1090	18	1503.5	23	1332	22

Table 3.5 provides an overview of the number of hours of ice time used per week and per season during the winter at each municipal ice surface in Scarborough. The table also indicates the utilization of prime time and non prime time ice hours. The data is based on average 1989-1990 winter weekly schedules provided by the Scarborough Recreation and Parks Department. An ice season was standardized to thirty or thirty five weeks, depending on whether the rink was operated seasonally (30) or year round(35). Summer ice season utilization was not calculated as this is not critical to overall ice time demand. Summer ice weekly schedules were not available to determine accurate average utilization. Therefore ice utilization was restricted to the winter season, which is 35 weeks for the year round facilities, as this is the demand time for ice.

There are a total of 39,040 prime time ice hours available during the winter season. Presently, 36,801 prime time hours of ice time are used. This represents 94% of all prime time ice; 2,239 prime time ice hours are not utilized by client groups. Some of this unused prime time occurs between bookings in half hour or quarter hour time slots or the last prime time hour of the evening. This varies for each facility. It is understood from department staff that a portion of this time is required for maintenance. It should also be noted that the time slot 11:00 pm -12 pm classified as prime time at the Ice Galaxy facility has not been used by the figure skating groups due to the late hours.

There are 41,600 non prime time hours available for use over the winter season in the municipal arenas in Scarborough. On average, 8,445 hours of non prime time ice is utilized. This represents a 20% utilization rate. It is important to note that these figures take into account only the regular rental groups. Additional time is also used by last minute bookings by user groups. Also, few bookings are made between 2:00 am and 6:00 am on weekends, although this time period is included in the non prime time category. This pattern of non prime time/prime time hours use is fairly common for municipal arenas throughout Ontario.

In total, 45,246 hours of winter ice time is used. This represents a 56 % utilization of total ice hours per winter season for Scarborough municipal arenas.

It is difficult to assess the number of dry time hours used at each facility as the hours are sold on a demand basis. The six facilities operate at different hours each week depending on the group/team bookings and maintenance requirements. According to 1989 summer facility use information, provided by the department, ball hockey and lacrosse booked five of the facilities extensively Monday through Thursday evenings with limited use during weekends. For example, ball hockey utilized a total of 1,765 hours.

3.3 Arena Rental Rates

The category of the user group determines the rate they pay for ice time. Figure 1 lists of the 1989 approved arena rental rates. Rates for prime time and non prime time ice are indicated. Summer non ice rentals are classified by time of day such as morning or afternoon and by location of the rental group (i.e. community or non-community). Rental rates vary according to the facility used.

TABLE 3.5

ARENA ICE UTILIZATION DURING THE WINTER SEASON
(Based on Average Weekly Schedules)

ARENA	TOTAL PRIME TIME HOURS/WEEK USED		TOTAL NON PRIME TIME HOURS/WEEK USED		TOTAL ICE HOURS/WEEK USED		# OF WEEKS/ SEASON	TOTAL PRIME TIME HOURS/WINTER SEASON USED		TOTAL NON PRIME TIME HOURS/WINTER SEASON USED		TOTAL ICE HOURS/WINTER SEASON USED	
	#	%	#	%	#	%		#	%	#	%	#	%
AGINCOURT ARENA #1	63.0	98	10.0	14	73.0	55	30	1890	98	300	14	2190	55
AGINCOURT ARENA #2	60.5	95	11.5	17	72.0	54	30	1815	95	345	17	2160	54
SCARBOROUGH CENTENNIAL ARENA #1	60.5	95	29.0	42	89.5	67	30	1815	95	870	42	2685	67
SCARBOROUGH CENTENNIAL ICE GALAXY	51.25	80	42.75	78	94.0	79	35	1794	80	1496	78	3290	79
CLAIRLEA ARENA #1	58.75	92	13.0	19	71.75	54	30	1763	92	390	19	2153	54
CLAIRLEA ARENA #2	61.75	96	13.25	19	75.0	56	30	1853	96	398	19	2251	56
COMMANDER PARK ARENA #1	62.5	98	9.25	13	71.75	54	35	2188	98	324	13	2512	54
COMMANDER PARK ARENA #2	60.0	94	8.25	12	68.25	51	35	2100	94	289	12	2389	51
HERON PARK ARENA #1	58.0	91	6.0	9	64.0	48	30	1740	91	180	9	1920	48
HERON PARK ARENA #2	57.25	89	5.75	8	63.0	47	30	1718	89	173	8	1891	47
MALVERN ARENA #1	64.0	100	18.0	26	82.0	62	35	2240	100	630	26	2870	62
MALVERN ARENA #2	63.5	99	26.0	38	89.5	67	35	2223	99	910	38	3133	67
MCGREGOR PARK ARENA #1	60.5	95	8.0	12	68.5	52	30	1815	95	240	12	2055	52
MCGREGOR PARK ARENA #2	61.0	95	6.5	9	67.5	51	30	1830	95	195	9	2025	51
MID SCARBOROUGH ARENA #1	57.5	90	7.0	10	64.5	48	35	2013	90	245	10	2258	48
MID SCARBOROUGH ARENA #2	60.75	95	9.75	14	70.5	53	35	2126	95	341	14	2467	53
SCARBOROUGH VILLAGE ARENA	61.0	95	16.75	24	77.75	58	35	2135	95	586	24	2721	58
STEPHEN LEACOCK ARENA #1	62.0	97	10.5	15	72.5	55	30	1860	97	315	15	2175	55
STEPHEN LEACOCK ARENA #2	62.75	98	7.25	11	70.0	53	30	1883	98	218	11	2101	53
TOTAL:	1146.5	94%	258.5	20%	1405.0	56%	610	36801	94%	8445	20%	45246	56%

Note: Prime Time for all arenas (including Scarborough Centennial): Weekdays 6:00 pm to Midnight, Weekends 7:00 am to Midnight.
Utilization was calculated using an average week during the winter season.

Figure 1: Arena Rental Rates

	($)
A. Fall-Winter-Spring	
Arenas: *Agincourt, Clairlea, Heron Park, Leacock, McGregor*	
• Ice Formula	42.00
• Minor (6pm - 12 Mid)	56.00
• Minor (12 Mid - 6pm)	46.00
• General (6pm - 12 Mid)	71.00
• General (12 Mid - 6pm)	53.00
• Tournament	76.00
Board of Education:	
• Secondary School	33.50
• Elementary School	28.00
Arenas: *Centennial, Commander, Malvern Mid Scarborough, Scarborough Village*	
• Ice Formula	55.00
• Minor (6pm - 12 Mid)	72.00
• Minor (12 Mid - 6pm)	62.00
• General (6pm - 12 Mid)	86.00
• General (12 Mid - 6pm)	71.00
Board of Education:	
• Secondary School	33.50
• Elementary School	28.00
• Ice Rental for Non Residents	92.00
Arena: *Centennial Ice Galaxy*	
• 6pm - Midnight	72.00
• Midnight - 6:00 pm	62.00
Board of Education	
• Secondary School	33.50
• Elementary School	28.00
B. Summer Ice	
Arenas: *Centennial, Commander, Malvern, Mid Scarborough, Scarborough Village*	
• Minor (6-12 Mid)	72.00
• Minor (12-6pm)	62.00
• General (6-12 mid)	86.00
• General (12-6 pm)	71.00
• Ice Rental for Non Residents	92.00
C. Summer - No Ice	
Rentals	
• Full Day	352.00
• Morning	140.00
• Morning & Afternoon	281.00
• Afternoon	175.00
• Evening	281.00
Lacrosse (Per Hour) Agincourt, Heron Park, McGregor	
• Community	16.00
• Non-Community	32.00
• Centennial, Malvern	47.00
Ball Hockey (Per Hour) Agincourt, Heron Park, McGregor	
• Community	16.00
• Non-Community	32.00
D. Recreational Skating(per admission)	
• Adult	.50
• Senior Citizens	.00
• Children	.25
• Family	1.00
• Children Skate (Ice Galaxy)	.50
• Adult Skate (Ice Galaxy)	1.00
• Family Skate (Ice Galaxy)	3.00 max.
• Patch Skate (figure skating)	3.00
• Book Tickets	
- 24 tickets (value .25 per ticket)	5.00
- 50 tickets (value .50 per ticket)	12.00

3.4 Summary

- 94% of all prime time ice in municipal arenas during the winter season in Scarborough is presently being used (36,801 hours).
- 20% of all non prime time ice in municipal arenas during the winter season in Scarborough is presently being used (8,445 hours).
- Formula and general category groups use the majority of ice hours. (2400 hours/month)

4.0 Municipal Arena Activity and Facility Needs Identification

City Wide Arena Needs Study

City of Scarborough

LEISUREPLAN INTERNATIONAL INC.

4.0 MUNICIPAL ARENA ACTIVITY AND FACILITY NEEDS IDENTIFICATION

This section of the report identifies the magnitude, characteristics and composition of unsatisfied existing and potential future needs for additional use of municipal arenas in Scarborough. These needs have been identified through an analysis of:

- needs identified by a sample of existing block users of municipal arenas,
- needs identified by a sample of existing occasional users of municipal arenas,
- needs identified during the public consultation process of the Master Plan process,
- the potential impact of present and projected municipal population trends and the demand for and participation in arena related activities,
- the application of facility supply standards to the present and projected City population, and
- the potential impact of national, provincial and local arena activity participation trends.

Section 5.0 of this report will assess the implications of these identified needs within the context of the present supply and utilization of municipal arenas in Scarborough.

4.1 Demographics

4.1.1 Population

Scarborough's population increased dramatically by 25.2% between 1976 and 1986 due to the large number of new residential housing starts during the same period. Scarborough's increase was more than double that of the population growth experienced by the province (10.1%) during the same period.

Table 4.1

HISTORICAL POPULATION CHANGE
Scarborough

Year	Total City Population
1976	387,149
1981	443,353
1986	484,676
1988*	470,406

Source: Statistics Canada
*Assessment Data

According to the Assessment office, the 1988 population for Scarborough was 470,406. Population figures based on assessments tend to be less accurate than Census data.

4.1.2 Age Structure

Table 4.2 identifies that the percentage of people over 65 years of age is projected to increase significantly from 8.8% in 1986 to 12.7% in the year 2001. The proportion of people aged 20-34 is projected to decrease dramatically from 27.0% in 1986 to only 18.2% in 2001. The projections for the year 2001 are based on an estimated population of 550,000 for the City of Scarborough.

Table 4.2

CITY OF SCARBOROUGH
AGE STRUCTURE, 1986 - 2001

Age Group	1986 %	2001 %
0 - 4	6.9	7.6
5 - 9	6.5	6.7
10 - 14	6.7	6.5
15 - 19	7.7	6.4
20 - 24	9.8	5.5
25 - 34	17.2	12.7
35 - 44	14.7	16.4
45 - 54	11.5	14.2
55 - 64	10.2	11.3
65+	8.8	12.7
Total	100.0	100.0

Sources: Statistics Canada, 1986
Scarborough Economic Review, 1987

4.1.3 Population Projections

There are a range of population projections for the City of Scarborough. Table 4.3 illustrates that the City's population, according to the Metropolitan Toronto Planning Department, is projected to increase by 7.8% from 1986 to 2001. However, the City's population is then expected to decrease by 8.0% between 2001 and 2031.

Table 4.3

CITY OF SCARBOROUGH
POPULATION PROJECTIONS

Year		10 year growth rate %
1986	484,676	--
1991	508,000	--
2001	522,500	2.9
2011	517,400	- 1.0
2021	508,400	- 1.7
2031	480,800	- 5.4

Source: Metropolitan Toronto Planning Department, 1988

The City of Scarborough's Economic Review, 1987, projected that the City's population will be 550,000 by the year 2001. This figure is considerably larger than the 522,500 estimate identified by the Metropolitan Toronto Planning Department.

4.1.4 Implications of Demographic Trends to the Planning and Provision of Municipal Arena Facilities

Population projections prepared for the City estimate an absolute population increase of the City's population of between *37,824* and *65,324* additional residents from 1986 to 2001 (15 years).

Analysis of the present age structure and projections of the future age structure at the City's population suggest that:

a) if population increases as projected there will be between 37,000 and 65,000 additional residents, a percentage of which will participate in arena related activities.

b) an increase in adult participation rates in arena related activities, may offset the impact of aging of the population and the subsequent decline in participation rates among youths in arena related activities.

4.2 Facility Standards

Guidelines for the provision of recreational facilities are outlined in the *Recreation, Parks and Leisure Services Strategy for the Future*. In this Master Plan, arenas are classed as Community facilities and serve a population of 50,000 to 60,000 people. The standard for provision of arenas is one arena (with two ice surfaces) per 50,000 people in the community (one ice pad/25,000).

At the present time, Scarborough has 10 arenas with a total of 19 ice pads. Assuming a 1986 total population of 484,676 there is presently 1 ice pad/25,509 residents. This represents a supply standard consistent with that established in the Master Plan. Applying the standards to the future population projections of the City between one and three additional ice pads would be required by the year 2001 to serve the projected population of 522,500 to 550,000.

4.3 Recreation Participation Trends

Leisure activity trends impact the need for services and demand for facilities or programs. Analyzing the impact of participation in arena programs / activities is an important consideration in determining the need for additional arena facilities. Information on trends in participation in hockey and other arena activities was derived from interviews with representatives of the sport associations and the Hockey Development Centre Ontario (HDCO), results of a sports equipment retailer survey and from the report "Ice Use In Ontario Arenas" prepared by the HDCO.

4.3.1 Hockey Trends

Hockey groups are the largest users of indoor arenas in Ontario. According to a Hockey Development Centre Ontario representative, 67% of available ice time in arenas is used for hockey. The remaining 33% of available ice time is used for figure skating, ice skating, ringette, broomball, curling and other activities. House Leagues account for 47% of ice time used by minor hockey, competitive leagues account for 47%, and tournaments account for 6.2%.

The most significant trend occuring in hockey is the increasing numbers of adult players. Traditionally, hockey is a youth sport, however, the number of participants in minor hockey is declining (HDCO). Interviews with provincial organizations involved in minor hockey confirmed this decline. However they also indicated that ethnic participation in hockey is increasing which is helping to minimize this decline. The decrease of participants tends to be in the larger urban arenas according to the "Ice Use in Ontario Arenas" (1988) study. One reason cited for this decline in popularity is the rising cost of the sport. There are also concerns about safety, although the study proposed that safety problems are more likely due to problems in specific arenas rather than with the sport itself. In contrast adult participation in hockey is increasing. Old timer hockey, industrial leagues and shinny hockey leagues are becoming increasingly popular.

Due to the increased participation in adult hockey, demand for ice time has been increasing province-wide. In addition, it is important to note that the amount of ice time allocated to minor hockey is relatively constant regardless of the decline in participants. Another trend worth noting is the increasing participation in minor hockey by females. These trends indicate additional demands for arena ice time by female and adult hockey client groups.

4.3.2 Figure Skating

Figure skaters and ice skaters are the second and third major user groups of ice time according to the study Ice Use in Ontario Arenas. According to a Canadian Figure Skating Association representative, figure skating participation has fluctuated in recent years and follows an "Olympic cycle". Participation in the sport is higher during Olympic years. The largest peak to date was in 1976 when there were 169,000 skaters registered in Canada. After 1988 interest and participation levels are expected to decrease and then peak again in 1992.

There were 395 registered figure skating clubs in Ontario in 1987-88. This is an increase from the 389 clubs affiliated or registered in the 1986-87 season. In 1986-87 there were 54,412 participants registered in Ontario and in 1987-88 there were 57,242 participants. The use of ice time by figure skating groups is generally stable or increasing slightly (HDCO).

4.3.3 Other Program / Activity Trends

The sport of ringette appears to be increasing over the past five years, both in scheduled ice time and participants (Ice Use in Ontario Arenas, 1988). The largest growth in the province appears to be in the southwest. However, because the major participants in the sport are girls, ringette completes directly with girls' hockey for participants.

Broomball is generally an adult activity (75% of participants are adults) that has approximately 4,000 registered members in Ontario in 1989. Sixty percent of these members are male. According to the provincial organization the sport is slowly growing but more so in the rural areas of Ontario and at the junior age level (under 18 years). Broomball appears to be a unstable sport in terms of participation. The sport is not a major user of ice time but the lack of prime time ice available is a factor of participation and demand.

Ball hockey is a relatively young sport that is expected to grow in the future. There are over 10,000 registered ball hockey players in Ontario with another 30,000 players that are participating on an ad hoc basis, according to a provincial representative. This includes players, coaches and officials. Organized senior ball hockey, the largest leagues, is for players 18 to 35 years. The average player ranges in age from 21 to 35 years. The minor house leagues are for children and teens 7 to 17 years. Regulation ball hockey uses a standard indoor arena and therefore the availability and cost of arena space is a limiting factor for this activity.

Internationally, roller hockey is played in 35 countries and in some is second in popularity to soccer. Yet in Canada roller hockey is relatively a new non contact sport. Presently there are only five teams, four of which were established during the past year. The two teams in Ontario have few facilities in which to play, according to a Toronto Star newspaper article. Players range in age from 12 to 35, the average player in his mid 20s,

Participation in lacrosse is growing according to the Ontario Lacrosse Association. Growth in the sport varies from community to community; however, in the Scarborough zone which includes Scarborough, Whitby, Markham, Peterborough and Toronto's Beaches area, there is a great deal of growth. Scarborough itself is experiencing moderate growth in lacrosse participation. Participants are between 6 and 21 years of age with the majority between 10 and 14 years of age. Almost all participants are male (98%). The standard season has been April to June although more competitive teams play through July and August. Organizers are hoping to extend this season so that it is not purely a summer sport. There are also initiatives to encourage field lacrosse in high schools. In general, lacrosse participation is expected to increase.

4.3.4 Sports Survey

In 1987, a survey of 325 sports equipment retailers across Canada was conducted to provide an indication on trends in sports activities. Retailers were asked to rate various sports on their growth - whether they are on the upswing or in decline. The following are some highlights of the survey:

- Old timer hockey ranked 6th in growth activities in Canada. The sport has been growing in popularity over the past several years.
- Youth hockey (minor hockey) is judged by most retailers to be on the decline. In the survey, it did not rank in the top 25 recreational activities.
- Ringette ranked 22nd among all activities in the survey and was judged to be growing moderately.

4.3.5 Trends in Scarborough

A number of trends in participation in sports and recreational activities outlined in the Master Plan are pertinent to the City-Wide Arena Needs study. These are:

- Adult participation in recreational activities has increased in recent years. The Recreation and Parks Department has noticed increased use of arenas by adults and older adults.
- Recently, demand has increased for co-ed facilities.
- Hockey is not among the top 5 family activities according to the Master Plan nor is it one of the top 3 winter activities.
- Recreational ice skating is the most popular winter recreational activity.
- The quality and distribution of existing facilities is uneven.

The Scarborough Hockey Association (SHA) is one of the major users of ice time in Scarborough arenas. Ice is allocated to the SHA by the formula discussed earlier in this report. Table 4.4 provides an overview in the number of registrations and entitled hours of ice time. The data indicates a decrease in the number of registered participants. In the 1985-86 season there were 7,652 registrants compared to 6,384 in 1989-90; a difference of approximately 1,300 participants. After large declines in registration from 1986-1988, the decrease in registrations has leveled off at approximately 1.5% per year. Consequently the number of entitled ice hours has also decreased from 552 to 498. This would increase the number of additional prime time and non prime time hours available for other client groups.

TABLE 4.4

Scarborough Hockey Association
1985 - 1989
Trends in Registration and Entitled Hours of Ice Time

Season	Registered	Players % Change	Entitled Hours
1985 - 86	7652	--	632
1986 - 87	7236	- 5.4	646
1987 - 88	6411	- 11.4	582
1988 - 89	6494	- 1.3	561
1989 - 90	6384	- 1.7	578

4.4 Requirements Identified by Existing User Groups

The following section presents the survey results from municipal arena users to assist in the identification of needs, requirements, issues and opportunities. The information incorporated into the report are the results as reported by the user groups.

4.4.1 Block Users

A questionnaire was designed to solicit information on present and future arena programs/activities offered by Scarborough arena block user groups / organizations. This information identifies block user profiles, types of use, present facility utilization, future facility requirements and potential relocation of programs/activities.

The Recreation and Parks Department provided a list of 37 block user groups that utilize Scarborough municipal arenas. These groups were mailed a six page questionnaire in December 1989. A total of twenty eight questionnaires (76%) were returned by the deadline and the results were incorporated into this report. One organization identified two user groups in one completed questionnaire which is the reason why there is an additional organization listed. Comments from the two questionnaires received after the deadline have been incorporated into the report.

A. Arena Block User Groups and Characteristics

Table 4.5 highlights the twenty eight Block User groups that responded, how long they have been established, their participation / membership trends and the percentage of their participants who are Scarborough residents. The Malvern Oldtimers Hockey House League provided information on the Malvern Elbow Benders Tournament Team in addition to the Oldtimers League which accounts for the additional group listed.

The majority of groups / organizations have been established for more than six years. Membership in the groups surveyed range from 21 to 10,000 people. More than half (57%) of the groups (sixteen) have 375 participants or less. However six of the responding organizations had over 1,000 participants. In total the number of participants in block user groups has increased 4,466 people or 23.8% in the last five years. In 1985 there were approximately 18,783 participants and by 1989 23,249 people were participating.

Twelve organizations have increased participants / memberships from 1985 to 1989; this includes the men's ball hockey league, ringette and the figure skating club. Three adult hockey organizations (2 ice and 1 ball), have doubled their membership or more. The City Wide Summer Hockey League also shows a 75% increase since 1985. Membership levels in nine of the organizations have remained stable over the past 5 years yet five groups have experienced a 3 to 38% decrease in participation in their hockey programs. It appears that the number of participants in non-traditional, non-contact recreational leagues (i.e. church hockey / intermediate hockey) are increasing.

B. Block Users Change in Participation / Membership

The respondents who indicated changes in the number of participants / members over the past five years were asked to explain the reasons for these changes. These reasons are listed in Table 4.6.

Reasons stated for participation growth included expansion, improved programs, advertising/promotion, change of attitude, additional ice hours, demand, increase in population and new league formation. Decrease in participation has resulted from declining enrollment, players moving, fluctuating interest, cost of participation and shortage of facility time. For the groups who doubled their membership, expansion or demand was cited as the reason for this increase.

C. User Characteristics

In order to gain a better understanding of the block user groups an age breakdown of their members was requested. Table 4.7 shows the block users age composition for those who completed this portion of the questionnaire.

In 1989 there were 23,248 total block user participants. Over 9,000 of these participants were 6-12 years of age. This represents almost half (41%) of the block users. The 13-17 and 18-54 age categories are quite even as the percentage of block user participants are 27% to 29% respectively. There is minimal participation from children less than 5 years and older adults over 55 years, approximately 3% in total.

Metropolitan Toronto Hockey League (MTHL) has the largest number of participants with 65,000 players. MTHL participant numbers are not included in this study profile as these players do not participate in Scarborough municipal arenas (only as Scarborough clubs for practices).

Eleven of the organizations are strictly adult hockey leagues (18-54 years. old). Three of these groups have participants over 55 years of age. Seven groups for hockey players 17 years or younger responded. There were six minor hockey groups that include programs for people over 18 years of age. There tends to be adult-oriented organizations and youth-oriented organizations.

D. Use of Prime Time by Block Users

The number of weeks ice is in an arena in Scarborough facilities varies from 30 to 52 weeks . Therefore the total number of prime and non prime time hours when ice is in an arena varies. Table 4.8 highlights the percentages of prime and non prime time hours utilized by the block users when the ice is in, and when the facilities have the ice removed.

The majority of groups (23) use arena facilities with ice during prime time hours. Only two organizations, Scarborough Board of Education, and Skate's Edge Hockey School use ice time more during non prime time hours. The use of non prime time would be more appropriate for this group as students would be participating in the school programs during the weekday hours.

Overall, five respondents which include West Hill Minor Hockey Association, Scarborough Malvern Hockey League, Scarborough Men's Sports & Recreational Club, Scarborough Board of Education have used arena facilities with ice during non prime time hours.

Two respondents, Scarborough City Cougars Hockey and Ontario Hydro Oldtimers Hockey, were the only hockey groups that used the arena without the ice in; one group during prime time hours and the other during non prime time. No explanations were given as to what the uses were.

Two non-hockey groups, Scarborough Lacrosse and Men's Ball Hockey League use 100% prime time hours in arena's without ice.

Scarboro Figure Skating Club presented their ice usage on a per season basis. During Fall/Winter 80% of their total ice time is prime time which decreases to 70% in Spring. In contrast only 5% is prime time ice during the summer months of July and August.

TABLE 4.5

ARENA BLOCK USER GROUPS AND CHARACTERISTICS

Organization	Years in Existence				Participation / Membership Trends						% of Scarboro Residents
Name	< 1	1 - 5	6 - 10	>10	1985	1986	1987	1988	1989	% Change	
Scarborough City Cougars Hockey		√			585	530	425	365	375	-37.6	100
West Hill Minor Hockey Association				√	0	0	1102	1066	1018	-7.6	97
City Wide Summer Hockey League			√		145	150	179	203	254	75.2	80
Scarborough Ringette Association				√	N.A.	N.A.	N.A.	250	N.A.	N.A.	95
Agincourt Church Hockey League				√	250	250	250	241	262	4.8	75
Agincourt Intermediate Hockey League		√			0	60	100	200	300	400.0	70
Metropolitan Toronto Hockey League Inc.				√	0	0	67,000 *	65,000 *	65,000 *	-3.0	86
Ontario Hydro Oldtimers Hockey		√			30	30	30	30	60	100.0	70
Malvern Oldtimers Hockey House League			√		200	200	200	200	200	0	100
Malvern Elbow Benders (Tournament Team)			√		22	21	21	21	21	-4.5	100
Scarborough Civic Hockey Association				√	84	84	84	84	84	0	90
Scarborough Malvern Hockey League				√	420	490	391	494	486	15.7	90
Scarborough Oldtimer Hockey League				√	160	160	160	160	160	0	95
Scarborough Intermediate Hockey				√	2,700	2,900	3,000	3,200	3,500	29.6	78
Scarborough Men's Sports and Recreation Club			√		78	78	78	84	78	0	50
Ontario Adult Hockey School		√			–	–	250	260	270	8	70
Scarborough Board of Education				√	10,000	10,000	10,000	10,000	10,000	0	100
Cedar Hill Minor Hockey League				√	875	875	921	950	951	8.7	99
Skate's Edge Hockey School				√	625	625	625	625	625	0	85
Scarborough Hockey Assoc. (Competitive Series)				√	1100	1100	1100	1100	1100	0	100
Scarborough Young Bruins				√	170	170	170	170	170	0	60
Scarborough Lacrosse				√					N.A.	--	99
Centennial College				√	220	227	245	227	192	-12.7	80
Agincourt Lions Mens Hockey				√	130	130	130	130	130	0	98
Scarboro Men's Ball Hockey League			√		675	900	1050	1400	1400	107.4	98
Scarboro Ladies Ringette			√		14	14	18	35	52	271.4	90
Wexford Hockey Association				√	–	–	–	–	579	N.A.	90
Scarboro Sabres Hockey Assoc.				√	300	325	325	351	350	16.7	100
Scarboro Figure Skating Club				√	N.A.	512	554	614	632	23.4	80-95
TOTAL					18,783	19,831	21,408	22,490	23,249	23.8% (4,466)	

* Not included in totals.

TABLE 4.6

BLOCK USERS CHANGE IN PARTICIPATION / MEMBERSHIP

Organization Name	% Change in Participation / Membership 1985 - 89	Reasons For Change
Scarborough City Cougars Hockey	-37.6	- Players have moved away.
West Hill Minor Hockey Association	-7.6	- Registration enrolment has declined.
City Wide Summer Hockey League	75.2	- More advertising in different arenas and areas.
Scarborough Ringette Association	N.A.	
Agincourt Church Hockey League	4.8	- Enrolment is at capacity unless more ice time can be acquired.
Agincourt Intermediate Hockey League	400.0	- Expansion each year.
Metropolitan Toronto Hockey League Inc.	-3.0	- Cost of participation in hockey. - Shortage of facilities. - Social changes.
Ontario Hydro Oldtimers Hockey	100.0	- League formed in 1988.
Malvern Oldtimers Hockey House League	0	
Malvern Elbow Benders (Tournament Team)	-4.5	
Scarborough Civic Hockey Association	0	
Scarborough Malvern Hockey League	15.7	- A large increase is expected due to the rapid growth in the Malvern Community.
Scarborough Oldtimer Hockey League	0	
Scarborough Intermediate Hockey	29.6	- Obtained additional hours during the summer months at Clairlea arena.
Scarborough Men's Sports and Recreation Club	0	- Attempted to add more players/team but went back to original number of 13/team.
Ontario Adult Hockey School	8	- Program demand.
Scarborough Board of Education	0	

TABLE 4.6 CONTINUED

BLOCK USERS CHANGE IN PARTICIPATION / MEMBERSHIP

Organization Name	% Change in Participation / Membership 1985 - 89	Reasons For Change
Cedar Hill Minor Hockey League	8.7	
Skate's Edge Hockey School	0	
Scarborough Hockey Assoc. (Competitive Series)	0	
Scarborough Young Bruins	0	- More individuals want competitive hockey instead of house league hockey.
Scarborough Lacrosse	N.A.	-Increased promotion by association. - Formation of a house league to have a combination of 'rep' teams and house league.
Centennial College	-12.7	- Number of teams change. - Interest fluctuates. - Increased costs.
Agincourt Lions Mens Hockey	0	- No extra ice time available to accommodate 60+ on the waiting lists.
Scarboro Men's Ball Hockey League	107.4	- Demand.
Scarboro Ladies Ringette	271.4	- Word of mouth promotion. - Need for ladies sports.
Wexford Hockey Association	N.A.	-Improved programs. - Competitive players changing attitudes; they want to play school hockey so they must drop out of competitive league.
Scarboro Figure Skating Club	23.4	-Growth due to Olympics and Cdn. skater successes.
Scarboro Sabres Hockey Assoc.	16.7	- Folding of Scarboro Catholic league.

TABLE 4.7

USER CHARACTERISTICS

Organization Name	Age Composition %										Total # of Participants
	0 - 5		6 - 12		13 - 17		18 - 54		55+		
	#	%	#	%	#	%	#	%	#	%	
Scarborough City Cougars Hockey	N.A.										375
West Hill Minor Hockey Association	5	0.5	560	55	224	22	224	22	5	0.5	1018
City Wide Summer Hockey League	102	40	102	40	51	20					254
Scarborough Ringette Association											N.A.
Agincourt Church Hockey League	13	5	197	75	52	20					262
Agincourt Intermediate Hockey League							300	100			300
Metropolitan Toronto Hockey League Inc.	*	2	*	55	*	35	*	8			** 65,000
Ontario Hydro Oldtimers Hockey							60	100			60
Malvern Oldtimers Hockey House League	N.A.										200
Malvern Elbow Benders (Tournament Team)	N.A.										21
Scarborough Civic Hockey Association							84	100			84
Scarborough Malvern Hockey League	194	40	194	40	97	20					486
Scarborough Oldtimer Hockey League							160	100			160
Scarborough Intermediate Hockey							3,500	100			3,500
Scarborough Men's Sports and Recreation Club							77	99.5	1	.5	78
Ontario Adult Hockey School							243	90	27	10	270
Scarborough Board of Education			6,000	60	4,000	40					10,000
SUBTOTAL	314	1.9%	7,053	42.8%	4,424	26.9%	4,648	28.2%	33	.2%	17,068

** Not included in totals.

TABLE 4.7 CONTINUED

USER CHARACTERISTICS

Organization Name	Age Composition %										Total # of Participants
	0 - 5		6 - 12		13 - 17		18 - 54		55+		
	#	%	#	%	#	%	#	%	#	%	
Cedar Hill Minor Hockey League	66.5	7	285	30	503.5	53	95	10	0	0	950
Skate's Edge Hockey School	62.5	10	500	80	62.5	10					625
Scarborough Hockey Assoc. (Competitive Series)			550	50	550	50					1,100
Scarborough Young Bruins			68	40	85	50	17	10			170
Scarborough Lacrosse		5		40		40		15		0	N.A.
Centennial College							192	100			192
Agincourt Lions Mens Hockey							127	98	3	2	130
Scarboro Men's Ball Hockey League							1,400	100			1,400
Scarboro Ladies Ringette											
Wexford Hockey Association	58	10	174	30	231	40	52	100			52
Scarboro Sabres Hockey Assoc.			175	50	175	50	116	20			579
Scarboro Figure Skating Club	38	6	474	75	76	12					350
TOTAL	539	2%	9,279	41%	6,107	27%	38	6	6	1	632
							6,685	29%	42	1%	23,248 (100%)

TABLE 4.8

USE OF PRIME TIME BY BLOCK USERS

Organization	Arena With Ice		Arena Without Ice	
Name	% of Use during Prime Time Hours	% of Use during Non Prime Time Hours	% of Use during Prime Time Hours	% of Use during Non Prime Time Hours
Scarborough City Cougars Hockey	100	0	100	0
West Hill Minor Hockey Association	96	4		
City Wide Summer Hockey League	100	0		
Scarborough Ringette Association	100	0		
Agincourt Church Hockey League	100	0		
Agincourt Intermediate Hockey League	100	0		
Metropolitan Toronto Hockey League Inc.	100	0		
Ontario Hydro Oldtimers Hockey	100	0	0	100
Malvern Oldtimers Hockey House League	100	0		
Malvern Elbow Benders (Tournament Team)	100	0		
Scarborough Civic Hockey Association	100	0		
Scarborough Malvern Hockey League	70	30		
Scarborough Oldtimer Hockey League	100	0		
Scarborough Intermediate Hockey	100	0		
Scarborough Men's Sports and Recreation Club	75	25		
Ontario Adult Hockey School	100	0		
Scarborough Board of Education	40	60		

TABLE 4.8 CONTINUED

USE OF PRIME TIME BY BLOCK USERS

Organization	Arena With Ice		Arena Without Ice	
Name	% of Use during Prime Time Hours	% of Use during Non Prime Time Hours	% of Use during Prime Time Hours	% of Use during Non Prime Time Hours
Cedar Hill Minor Hockey League	100	0		
Skate's Edge Hockey School	85	15		
Scarborough Hockey Assoc. (Competitive Series)	100	0		
Scarborough Young Bruins	100	0		
Scarborough Lacrosse			100	0
Centennial College	100	0		
Agincourt Lions Mens Hockey	100	0		
Scarboro Men's Ball Hockey League			100	0
Scarboro Ladies Ringette	100	0		
Wexford Hockey Association	N.A.			
Scarboro Figure Skating Club	**			
Scarboro Sabres Hockey Assoc.	100	0		

** Scarboro Figure Skating Club presented their ice usage on a per season basis. During Fall/Winter 80% of their total ice time is prime time which decreases to 70% in Spring. In contrast only 5% is prime time ice during the summer months of July and August.

E. Use of Ice Time

Table 4.9 provides an overview of where the block users participate, the programs/activities and their allotted prime and non prime ice time at each arena they use. All the municipal arenas have been utilized by at least one responding group.

Hockey is the primary activity which includes leagues, tournaments, hockey school and learn to skate programs. Scarborough Ringette Associations (2), Scarboro Men's Ball Hockey League, Scarboro Figure Skating Club and Scarborough Lacrosse Association are the four non-hockey related respondents.

Seventeen organizations utilize more than one Scarborough facility for ice time. The remaining eleven groups utilize one facility only. The MTHL is the only group that uses a private arena facility for all of its ice time. Most groups use each arena for more than 20 weeks per year.

The respondent which uses the most prime time hours per ice season is the Scarboro Hockey Association (SHA) competitive series; a total of 3,056 prime time ice hours in three Scarborough municipal arenas. Cedar Hill Minor Hockey League has the second highest prime time ice usage as they use more than 2,000 hours per year followed by Scarborough Intermediate Hockey (1,872/year), West Hill Minor Hockey Association (1,850/year), Scarborough City Cougars (1,388 hours/year), Scarboro Figure Skating Club (1245/year), Scarborough Malvern Hockey League (660 hours/year) and the Metropolitan Toronto Hockey League Inc.(728). All of MTHL ice hours are at Scarborough Arena Gardens, a privately owned facility.

The five hockey groups that use non-prime time ice require 1411 hours per year in addition to their prime ice time. Three of these groups are hockey leagues that perhaps utilize the non prime time for practices. The other two groups, the Scarboro Figure Skating Club and the Skate's Edge Hockey School would use the time for their regular programs.

F. Use of Non-Ice Time

The amount and types of use in municipal arenas without ice, by block users, is identified in Table 4.10.

Six organizations that responded use non-ice arena time for ball hockey, lacrosse, training and fundraising activities. Approximately 2500 hours (prime and non-prime) are utilized at Malvern and Stephen Leacock, McGregor Park, Scarborough Centennial and Clairlea arenas by the respondents. The number of weeks required range from 16 to 28 weeks/year.

TABLE 4.9

BLOCK USER PROFILE - USE OF ICE TIME

Arena Used	Organization Name	Program / Activity	Ice Time					
			Prime Time Hours / Week	Weeks / Year	Total Prime Time Hours / Year	Non-Prime Time Hours / Week	Weeks / Year	Total Non-Prime Time Hours / Year
Malvern	West Hill Minor Hockey Association	Minor Hockey League	N.A.					
	Ontario Hydro Oldtimers Hockey	Oldtimers Hockey	2	25	50			
	Malvern Oldtimers Hockey House League	House League	8	30	240			
	Malvern Elbow Benders (Tournament Team)	Tournament Team	1	30	30			
	Scarborough Malvern Hockey League	Minor Hockey	30	22	660	18	22	396
	Scarborough Intermediate Hockey	Summer Adult Hockey	16	16	256			
	Scarborough Ringette Association	Games and Training Session	13	24	312			
	Skate's Edge H. School	Hockey School						
	Centennial College	Ice Hockey	7	18	**126	30	8	240
	Scarboro Figure Skating	Precision Team	1-2	25	25+			
Agincourt	Cedar Hill Minor Hockey League	Minor Hockey League	1	26	26			
	Agincourt Lions	Men's Hockey	4	29	116	2	29	58
Heron Park	West Hill Minor Hockey Association	Minor Hockey League	57	25	1425	3	25	75
	Cedar Hill Minor Hockey League	Minor Hockey League	3	26	78			
Scarborough Village	Scarborough Civic Hockey Association	Recreational, Non-contact, Adult Hockey	N.A.	26	N.A.			
	West Hill Minor Hockey Association	Minor Hockey League	17	25	425			
	S.H.A.	House League	21	24	504			
	S.H.A.	Competitive	14	24	336			

TABLE 4.9 CONTINUED

BLOCK USER PROFILE - USE OF ICE TIME

Arena Used	Organization	Program / Activity	Ice Time					
	Name		Prime Time Hours / Week	Weeks / Year	Total Prime Time Hours / Year	Non-Prime Time Hours / Week	Weeks / Year	Total Non-Prime Time Hours / Year
Clairlea	Agincourt Intermediate Hockey League	Mens Hockey	9	27	243			
	Ontario Adult H. School	Hockey School	4	20	80			
	Scarborough Young Bruins	Hockey League	4	28	112			
	Scarborough Intermediate Hockey	Winter Adult Hockey	14	14	196			
	Centennial College	Ice Hockey			** 126			
	Centennial College	Broomball/ Ringette	4	2	8			
	Scarboro Ladies Ringette	Ringette	N.A.					
	S.H.A.	House League	14	24	336			
Stephen Leacock	Scarborough Sports and Recreation Club	Oldtimers Hockey	2	26	52			
	Scarborough Sports and Recreation Club	Recreational Hockey	1	26	26			
	Scarborough City Cougars Hockey	Hockey	46	28	1288			
	Scarborough Ringette Association	Games and Training Session	2	24	48			
	Cedar Hill Minor Hockey	League	7	26	182			
	Scarboro Ladies Ringette	Ringette	N.A.					
	Wexford Hockey Assoc.	House League	7	30	210			

TABLE 4.9 CONTINUED

BLOCK USER PROFILE - USE OF ICE TIME

Arena Used	Organization	Program / Activity	Ice Time					
	Name		Prime Time Hours / Week	Weeks / Year	Total Prime Time Hours / Year	Non-Prime Time Hours / Week	Weeks / Year	Total Non-Prime Time Hours / Year
Mid Scarborough	Scarborough Oldtimer Hockey League	Oldtimers Hockey	5.75	28.0	161.0			
	West Hill Minor Hockey Association	Minor Hockey League	N.A.					
	Scarborough Intermediate Hockey	Summer Adult Hockey	16.0	15.0	240.0			
	Ontario Adult Hockey School	Hockey School	4.0	10.0	40.0			
	Cedar Hill Minor Hockey League	Minor Hockey League	9.0	26.0	234.0			
	Skate's Edge Hockey School	Hockey School	10.0	8.0	80.0			
	Scarboro Hockey Association	Minor Hockey League (Competitive)	40.0	37.0	1480.0			
	Scarborough Young Bruins	Hockey League	1.0	28.0	28.0			
	Centennial College	Ice Hockey			** 126.0			
	City Wide Summer Hockey League	Summer Hockey League	6.0	12.0	72.0			
Scarborough Centennial	Cedar Hill Minor Hockey League	Minor Hockey League	44.0	26.0	1144.0			
	Scarboro Figure Skating Club	Winter - Figure Skating	36.5	25.0	912.5	8.5	25.0	212.5
		Spring - F.S.	25.5	7.0	178.5	9.5	7.0	66.5
		Fall - F.S.	29.25	4.5	131.5	6.75	4.5	30.5
		Summer F.S.	2.75	8.0	22.0	41.5	8.0	332.0
	Scarboro Figure Skating Club	Powerskating	1.5	27.0	40.5			

** Note: Centennial College uses a total of 126 ice hours at Clairlea, Mid-Scarborough and Malvern combined.

TABLE 4.9 CONTINUED

BLOCK USER PROFILE - USE OF ICE TIME

Arena Used	Organization	Program / Activity	Ice Time					
	Name		Prime Time Hours / Week	Weeks / Year	Total Prime-Time Hours / Year	Non-Prime Time Hours / Week	Weeks / Year	Total Non-Prime Time Hours / Year
Commander Park	Agincourt Church Hockey League	Hockey, Learn to Skate	8.25	23	189.75			
	West Hill Minor Hockey Association	Minor Hockey League	N.A.					
	Scarborough Intermediate Hockey	Winter Adult Hockey	25	28	700			
	Scarborough Intermediate Hockey	Summer Adult Hockey	32	15	480			
	City Wide Summer Hockey League	Summer Hockey League	6	12	72			
	Cedar Hill Minor Hockey League	Minor Hockey League	7	26	182			
	Scarboro Hockey Association	Minor Hockey League (Competitive)	40	31	1240			
	Wexford Hockey Association	House League	34	30	1020			
McGregor Park	Scarborough Ringette Association	Games and Training Session	6	24	144			
	Cedar Hill Minor Hockey League	Minor Hockey League	6	26	156			
	Scarborough Young Bruins	Hockey League	5	28	140			
	Wexford Hockey Assoc.	House League	7	30	210			
Scarborough Arena Gardens	Metropolitan Toronto Hockey League Inc.	Competitive Minor/Sr.Hockey	28	26	728			
N.A.	Scarborough Board of Education	Elementary skating and men's/ women's hockey	N.A.					

TABLE 4.10

BLOCK USER PROFILE - USE OF NON-ICE TIME

Arena Used	Organization	Program / Activity	Non-Ice (Dry) Time					
	Name		Prime Time Hours/ Week	Weeks / Year	Total Prime Time Hours / Year	Non-Prime Time Hours / Week	Weeks / Year	Total Non-Prime Time Hours / Year
Malvern	Ontario Hydro Oldtimers Hockey	Oldtimers Hockey				6	3	18
Stephen Leacock	Scarborough City Cougars Hockey	Hockey	46	28	1288			
	Scarboro Men's Ball Hockey League	Ball Hockey League	20	19	380			
McGregor Park	Scarborough Lacrosse	House/Comp. Leagues, Clinic			1 day			
	Scarboro Men's Ball Hockey League	Ball Hockey League	8	19	157			
Scarborough Centennial	Scarborough Lacrosse	House/Comp. Leagues, Clinic	20	16	320			
	Scarboro Figure Skating	Summer Skating				2.75	8	22
Clairlea	Scarborough Lacrosse	House/Comp. Leagues, Clinic	8	16	128			
	Scarboro Men's Ball Hockey League	Ball Hockey League	4	19	76			
N.A.	West Hill Minor Hockey Association	Ladies' Auxiliary Sales	5	20	100			

G. Facility Ratings

Respondents were asked to rate the suitability of each facility they use for their programs / activities. Table 4.11 summarizes each facility and the ratings by each group.

All of the Scarborough arena facilities were rated by the respondents. The majority (19 groups) rated the arena facilities good to excellent. Malvern and Scarborough Centennial were the only arenas rated by the majority of respondents as excellent facilities. Scarborough Village and Mid Scarborough were perceived as good facilities.

Arenas rated fair or poor include Commander Park, Clairlea, McGregor Park, Stephen Leacock, Agincourt, Scarborough Arena Gardens and Heron Park. The reasons for the low ratings include the following:

- rinks are too small,
- quality of ice poor,
- adjoining rink creates too much noise,
- poor spectator viewing,
- seating / benches inadequate,
- cold temperatures,
- inadequate change room / shower facilities.
- equipment inadequate or malfunctions (i.e. sound system,clock, zamboni),

H. Future Participation Trends

To determine the "perception" of future participation block users were asked if they expected the number of program participants to increase, decrease or stay the same during the next three years.

Responses recorded in Table 4.12 indicate that fifteen (54%) block user groups expect the number of their program participants to increase and twelve groups anticipate their membership to stay the same. Only one group, West Hill Minor Hockey Association, anticipate a decrease.

TABLE 4.11

BLOCK USER PROFILE - FACILITY PERCEPTION

Arena Used	Organization	Program / Activity	Facility Rating				Reason / Improvements Required
			Excellent	Good	Fair	Poor	
	Name		√	•	*	o	
Malvern	West Hill Minor Hockey Association	Minor Hockey League	√				
	Ontario Hydro Oldtimers Hockey	Oldtimers Hockey	√				
	Malvern Oldtimers Hockey House League	House League	√				
	Malvern Elbow Benders (Tournament Team)	Tournament Team	√				
	Scarborough Malvern Hockey League	Minor Hockey	√				
	Scarborough Intermediate Hockey	Summer Adult Hockey		•			
	Scarborough Ringette Association	Games and Training Session	√				
	Skate's Edge H. School	Hockey School	√				
	Centennial College	Ice Hockey		•			
	Scarboro Figure Skating	Precision Team		•			
Agincourt	Cedar Hill Minor Hockey League	Minor Hockey League			*		All outdoor rinks need total upgrading.
	Agincourt Lions	Men's Hockey			*		Showers in dressings rooms. Partition between rinks. Replace roof. New clocks. *See Table 4.20 for specifics.
Heron Park	West Hill Minor Hockey Association	Minor Hockey League				o	Poor ice. Insufficient seating. Cold. Not enough showers. No large meeting rooms. Develop a new 2 ice pad centre (like Malvern) to replace Heron Park R. Centre.
	Cedar Hill Minor Hockey League	Minor Hockey League			*		All outdoor rinks need total upgrading.

TABLE 4.11 CONTINUED

BLOCK USER PROFILE - FACILITY PERCEPTION

Arena Used	Organization	Program / Activity	Facility Rating				Reason / Improvements Required
			Excellent	Good	Fair	Poor	
	Name		√	•	•	o	
Clairlea	Agincourt Intermediate Hockey League	Mens Hockey				o	Clocks malfunction. Small change rooms.
	Ontario Adult H. School	Hockey School				o	Facility not dependable. Two rinks joined too noisy for our program. Rink too small. Move to larger independent rink.
	Scarborough Young Bruins	Hockey League		•			
	Scarborough Intermediate Hockey	Summer Adult Hockey		•			
	Centennial College	Ice Hockey Broomball/ Ringette			•		Upgrading of changerooms. Heating system has to be more consistent. Ice could be better.
	Scarborough Lacrosse	Lacrosse league		•			
	Scarboro Ball Hockey	Ball hockey League				o	Small dressing rooms. Time clocks malfunction. Floor not smooth. Poor shower facility.
	Scarboro Ladies Ringette	Ringette		•			
	Scarborough Sabres Hockey Association	House League Hockey				o	Dressing rooms too small. Ice conditions. Heat.
Scarborough Village	Scarborough Civic Hockey Association	Recreational, Adult Hockey		•			
	West Hill Minor Hockey Association	Minor Hockey League		•			
	Scarborough Sabres Hockey Association	House League Hockey		•			

TABLE 4.11 CONTINUED

BLOCK USER PROFILE - FACILITY PERCEPTION

Arena Used	Organization	Program / Activity	Facility Rating				Reason / Improvements Required
			Excellent	Good	Fair	Poor	
	Name		√	•	*	o	
Stephen Leacock	Scarborough Sports and Recreation Club	Oldtimers Hockey Recreational Hockey				o	Ice surface too small for adults. Quality of ice poor. Whistle from other rink interrupts game. Larger ice rink would be an improvement.
	Scarboro City Cougars	Hockey		•			
	Scarborough Ringette Association	Games and Training Session			*		Poor spectator seating; cold. Poor/non-existant sound insulation between ice surfaces.
	Cedar Hill Minor Hockey	Hockey League				o	All outdoor rinks need total upgrading.
	Scarboro Ball Hockey	Ball Hockey	√				
	Scarboro Ladies Ringette	Ringette		•			
	Wexford Hockey Assoc.	Hockey House League			*		Arena noise. No barrier between rinks. Poor spectator viewing. Extremely cold.

TABLE 4.11 CONTINUED

BLOCK USER PROFILE - FACILITY PERCEPTION

Arena Used	Organization	Program / Activity	Facility Rating				Reason / Improvements Required
			Excellent	Good	Fair	Poor	
	Name		√	•	•	o	
Mid Scarborough	Scarborough Oldtimer Hockey League	Oldtimers Hockey		•			
	West Hill Minor Hockey Association	Minor Hockey League		•			
	Scarborough Intermediate Hockey	Summer Adult Hockey		•			
	Ontario Adult Hockey School	Hockey School		•			
	Cedar Hill Minor Hockey League	Minor Hockey League		•			
	Skate's Edge Hockey School	Hockey School	√				
	Scarboro Hockey Association	Minor Hockey League (Competitive)	√				
	Scarborough Young Bruins	Hockey League		•			
	Centennial College	Ice Hockey		•			
	City Wide Summer Hockey League	Summer Hockey League	√				
Scarborough Centennial	Cedar Hill Minor Hockey League	Minor Hockey League		•			
	Scarborough Lacrosse	Lacrosse league	√				
	Scarboro Figure Skating Club	Winter - Figure Skating	√				Sound system needs major overhaul (tune up).
		Spring - F.S.	√				
		Fall - F.S.	√				
		Summer F.S.	√				
	Scarboro Figure Skating Club	Powerskating	√				

TABLE 4.11 CONTINUED

BLOCK USER PROFILE - FACILITY PERCEPTION

Arena Used	Organization	Program / Activity	Facility Rating				Reason / Improvements Required
			Excellent	Good	Fair	Poor	
	Name		√	•	*	o	
Commander Park	Agincourt Church Hockey League	Hockey, Learn to Skate	√				
	West Hill Minor Hockey Association	Minor Hockey League		•			
	Scarborough Intermediate Hockey	Adult Hockey		•			
	City Wide Summer Hockey League	Summer Hockey League		•			
	Cedar Hill Minor Hockey League	Minor Hockey League			*		All outdoor rinks need total upgrading.
	Scarboro Hockey Association	Minor Hockey League (Competitive)			*		Old facility which needs a lot of work and better entrance. It is dark and dirty.
	Wexford Hockey Association	House League		•			
McGregor Park	Scarborough Ringette Association	Games and Training Session			*		Poor spectator seating; cold. Poor/non-existant sound insulation between ice surfaces.
	Cedar Hill Minor Hockey League	Minor Hockey League			*		All outdoor rinks need total upgrading.
	Scarborough Young Bruins	Hockey League		•			
	Wexford Hockey Assoc.	House League			*		Arena noise. No barrier between rinks. Poor spectator viewing. Extremely cold.
	Scarborough Lacrosse	Lacrosse league		•			
	Scarboro Ball Hockey	Ball Hockey			*		One small floor surface. Poor shower facility.
Scarborough Arena Gardens	Metropolitan Toronto Hockey League Inc.	Competitive Minor/Sr.Hockey			*		Zamboni breaks down. Benches. Sanitation. Lighting.

TABLE 4.12

BLOCK USER PROFILE - FUTURE PARTICIPATION TRENDS

Organization Name	Program / Activity	Future Participation Trends		
		Increase (+)	Decrease (-)	Stay The Same (√)
Scarborough City Cougars Hockey	Hockey			√
West Hill Minor Hockey Association	Minor Hockey League		-	
City Wide Summer Hockey League	Summer Hockey League	+		
Scarborough Ringette Association	Games and Training Session	+		
Agincourt Church Hockey League	Hockey, Learn to Skate			√
Agincourt Intermediate Hockey League	Mens Hockey	+		
Metropolitan Toronto Hockey League Inc.	Competitive Minor & Senior Hockey	+		
Ontario Hydro Oldtimers Hockey	Oldtimers Hockey	+		
Malvern Oldtimers Hockey House League	House League			√
Malvern Elbow Benders (Tournament Team)	Tournament Team			√
Scarborough Civic Hockey Association	Recreational, Non-contact, Adult Hockey	+		
Scarborough Malvern Hockey League	Minor Hockey	+		
Scarborough Oldtimer Hockey League	Oldtimers Hockey			√
Scarborough Men's Sports & Recreation Club	Oldtimer League			√
	Recreational League			√
Ontario Adult Hockey School	Hockey School	+		
Scarborough Intermediate Hockey	Adult Hockey	+		
Scarborough Board of Education	n/a			

TABLE 4.12 CONTINUED

BLOCK USER PROFILE - FUTURE PARTICIPATION TRENDS

Organization Name	Program / Activity	Future Participation Trends		
		Increase (+)	Decrease (-)	Stay The Same (√)
Cedar Hill Minor Hockey League		+		
Skate's Edge Hockey School				√
Scarborough Hockey Assoc. (Competitive Series)				√
Scarborough Young Bruins		+		
Scarborough Lacrosse		+		
Centennial College		+		
Agincourt Lions Mens Hockey				√
Scarboro Men's Ball Hockey League		+		
Wexford Hockey Association				√
Scarboro Sabres Hockey Assoc.		+		
Scarboro Figure Skating Club				√

I. Time Allocation

Fourteen of the twenty eight respondents have indicated preferred times or locations for their present programs / activities. Table 4.13 lists the respondents' preferences.

Three basic reasons for changes are the quality of the present facilities they use, wanting all their group activities under on roof, or the present times are inadequate. Five groups indicated they wanted a different time for their program and thirteen groups indicated location changes. It is important to note that the seven organizations presently using Clairlea arena would prefer another location.

Reasons for the preferred time/locations vary according to the group. Hours presently allocated are either too early or too late or are scheduled on weekends rather than weekdays. Also, additional times are required.

Reasons indicated for a change in location such as poor maintenance, noise, convenience, small rink etc. have all been cited previously in the overall rating of the facilities.

J. Additional Ice and Non-Ice Requirements

Arena block users were asked if additional time was required to accommodate existing programs/activities. The responses are listed in Tables 4.14 and 4.15.

Six organizations require additional ice time. Ladies ringette requires 48 additional hours/season (2 hours x 24 weeks) due to increased demand. The organizations requested a total of 2,012 prime time and 50 non prime time ice hours a year. The hours would be used to accommodate Scarborough based teams and to meet increased demand. MTHL also requested 875 prime time hours of ice time a year.

The Ontario Hydro Oldtimers Hockey and the Scarboro Men's Ball Hockey League were the two organizations to indicate additional non-ice hour needs. The Ball Hockey League requires 288 hours due to additional demand and the other request was for banquet purposes.

Generally, non-traditional users such as ringette and hockey school need ice time to expand their programs. Hockey leagues appear to need more prime ice time for present users as well as expansion.

K. Future Facility Time Required

The organizations listed in Table 4.16 indicated a need for 150+ hours of additional ice hours for future program/activities. The organizations are mostly hockey oriented with the exceptions of Scarborough Board of Education, and Ladies Ringette. Scarborough Intermediate Hockey and M.T.H.L. expressed the greatest demand for future ice time.

The Scarborough Lacrosse Association indicated a future need for 12 hours / week for additional non-ice hours for their house league program. The Men's Ball Hockey League also indicated 16 additional non-ice hours.

TABLE 4.13

TIME ALLOCATION

Organization Name	Program / Activity	Present Time	Preferred Time	Present Arena	Preferred Arena	REASONS WHY
Scarborough City Cougars Hockey	Hockey	Tues, 6-10, Sat, 7-6, Thurs, 7-10	Tues, 7-10, Sat, 9-6	Stephen Leacock	same	Parents don't like the early hours.
West Hill Minor Hockey Association	Minor Hockey League	7-8 am, Sat. & Sun.		Heron Park, Scarb. Village.	Scarborough Village	Heron Park has poor facilities.
City Wide Summer Hockey League	Summer Hockey League	6:30-9:45	same	Commander, Mid-Scarborough.	Malvern /Mid-Scarborough	Commander not designed for summer use. May need all three.
Scarborough Men's Sports & Recreation Club	Hockey League	8:45 - 11:45	7:45 - 10:45	Stephen Leacock	Commander Park, Malvern or Mid Scarborough	11:45 pm is too late. Preferred locations have larger ice surfaces.
Ontario Adult Hockey	Hockey School	8:00 - 10:00	same	Clairlea	Mid Scarborough (an isolated rink)	We require quiet in order to speak to our students.
Scarborough Intermediate Hockey	Adult Hockey	Sat. and Sunday evenings	Mon. thru Thursday evening	Commander Park, Mid Scarb., Malvern, Clairlea.	Centennial, Mid Scarb., Commander Park, Malvern, Scarb. Village	Saturday evening is not preferred as that time is better suited for couples to spend with friends. We have been playing on Sat. evening for 15 years.
Agincourt Intermediate Hockey League	Mens Hockey	Sat., 1-6 pm Sun., 11-1 pm		Clairlea	Any other arena.	Rink is not maintained. Clocks malfunction. Small change rooms
Scarborough Lacrosse	Leagues, Clinic	Mon., 6-10 pm	Require a third day of additional floor time.	Centennial, Clairlea, McGregor.	McGregor	Additional time required.
Centennial College	Ice Hockey	Tues., 6-10 pm	same	Clairlea, Malvern, Mid-Scarborough.	Mid- Scarborough	Bigger and better ice surface, changerooms are bigger and it is located in mid Scarborough.
Scarboro Ladies Ringette	Adult Ringette	9-10 pm	same	Stephen Leacock, Clairlea.	Malvern	

TABLE 4.13 CONTINUED

TIME ALLOCATION

Organization Name	Program / Activity	Present Time	Preferred Time	Present Arena	Preferred Arena	REASONS WHY
Wexford Hockey Association	Hockey Practices	7-8 am 11 am - 2 pm 7-9 am 5-8 pm	9-10 am 11 am - 2 pm 3-5 pm 6-9pm	Stephen Leacock, Stephen Leacock, McGregor, McGregor.	Rink 1 Commander for all ice times listed.	We would like all activities under one roof as the executive could supervise activity more thoroughly.
Scarboro Sabres Hockey Association	Hockey Practices			Scarborough Village, Clairlea, Mid-Scarborough, Commander.	An east central location; not Clairlea or Heron Park.	Convenience to majority of registrants.
Scarboro Figure Skating Club	•Sr. A •Precision •Juvenile	•Sun., 4:15-6:30 pm •Monday pm •N.A.	Monday pm for all the activities.	Ice Galaxy Malvern	Consolidate to one facility.	Would permit an additional juvenile session and eliminate Sunday supper hour ice time
Scarborough Young Bruins	Hockey League	–	–	Any reasonable time.	Any.	

TABLE 4.14

ADDITIONAL ICE REQUIREMENTS FOR EXISTING PROGRAMS / ACTIVITIES

Organization	Total Additional Ice Hours Required Per Week			Reasons Why
Name	Prime Time	Non-Prime Time	# of Program Weeks	
Scarborough Ringette Association	2		24	Increased demand.
Agincourt Church Hockey League	2		23	We are at capacity.
Ontario Hydro Oldtimers Hockey	2	2	25	League expansion.
Scarborough Intermediate Hockey	40 to 80 hours		25-26	Large demand for winter weekday league in Scarborough.
Adult Hockey School	4		40	Expansion
Scarborough Young Bruins			28	Need additional hours to accomodate some of our programs.
Agincourt Lions Men's Hockey	2		29	Could register more players.
Scarboro Ladies Ringette	1		26	Growth.
Scarboro Sabres Hockey Association	4		24	More practice time which would be shared by 2 to 3 teams per ice pad.
Metropolitan Toronto Hockey League Inc.	35		25-28	To accommodate Scarborough based teams.

TABLE 4.15

ADDITIONAL NON-ICE TIME REQUIREMENTS FOR EXISTING PROGRAMS

Organization	Additional Non-Ice Hours Required Per Week		# of Program Weeks	Reasons Why
Name	Prime Time	Non-Prime Time		
Scarboro Men's Ball Hockey League	16		18	Additional demand.
Ontario Hydro Oldtimers Hockey		1	1	Year end banquet.

TABLE 4.16

FUTURE FACILITY TIME REQUIRED

Program / Activity	Organization	Future Demand	
	Name	Additional Ice Hours	Additional Non-Ice Hours
Summer Hockey League	City Wide Summer Hockey League	6-12	
Hockey, Learn to Skate	Agincourt Church Hockey League	2	
Mens Hockey	Agincourt Intermediate Hockey League	10-12	
Competitive, minor & senior hockey	Metropolitan Toronto Hockey League Inc.	35-45	
Oldtimers Hockey	Ontario Hydro Oldtimers Hockey	1-2	
Recreational, non-contact, adult hockey	Scarborough Civic Hockey Association	1.25	
Minor Hockey	Scarborough Malvern Hockey League	10 hours over 5 years.	
Adult Hockey School	Ontario Adult Hockey School	8	
Adult Ice Hockey	Scarborough Intermediate Hockey	40 to 60	
Ice rental by schools	Scarborough Board of Education	Between 9 am & 3 pm.	
M.T.H.L. Hockey	Scarborough Young Bruins	5 hours per week.	
Lacrosse House League	Scarborough Lacrosse		4 hours per week for 3 nights.
Ice Hockey	Centennial College	2 hours per week.	
Men's Hockey	Agincourt Lions Mens Hockey	2 hours for 29 weeks.	
Ball Hockey	Scarboro Men's Ball Hockey League		16
Hockey Practices	Scarboro Sabres Hockey Assoc.	4 hours per week	
Ladies Ringette	Scarboro Ladies Ringette	+2 hours per week	

L. Special Facility Requirements

Table 4.17 lists the respondents specific 'special' facility/location requirements for their programs/activities. The need for storage areas/rooms was indicated by five organizations for hockey and training equipment storage. Improved spectator seating, a weight/gym area, a good P.A. system, a smooth floor and adequate shower facilities were the other special facility requirements listed.

M. Block Users Private Arena Use

Only one respondent, Metropolitan Toronto Hockey League (MTHL), use a private arena for their present programs/activities. Scarborough Arena Gardens, located in Birchmount Park, is used by this organization as no other Scarborough municipal facility is available to them. The ice distribution policies approved by the City of Scarborough indicates that MTHL is low in priority for ice time and team players must be Scarborough based. Consequently they do not use a municipal arena in Scarborough. The cost to use this private facility for the MTHL is $95.00 per prime time hour.

N. Relocation of Existing Programs / Activities to Municipal Arenas

Two organizations, Ontario Hydro Oldtimers Hockey and MTHL, indicate that they would relocate their hockey tournament and/or league presently operating outside the City of Scarborough to a more suitable Scarborough municipal arena.

O. Potential Relocation of Existing and New Programs / Activities to Birchmount Park

If a municipal arena in Birchmount Park was made available to block arena users, seven organizations surveyed stated they would use the facility. Five groups would use the ice time to accommodate existing programs and two groups would develop new programs/activities. Table 4.18 outlines existing and new programs/activities these seven user groups would relocate or develop. Time and ice surface size/condition may be factors to influence the relocation.

P. Desired Special Events

Special events such as tournaments, practice time and program expansion are group program needs which cannot be accommodated presently due to lack of facility time or inadequate facilities. Table 4.19 indicates the desired events and specific requirements which the ten respondents have identified.

Q. Issues / Problems

Table 4.20 summarizes fourteen block user organizations issues/problems regarding arenas in Scarborough. Lack of ice time, scheduling, management and inadequate facilities appear to be the common themes of their issues/concerns.

TABLE 4.17

SPECIAL FACILITY REQUIREMENTS

Program / Activity	Organization Name	Special Facility / Location Requirements
Hockey, Learn to Skate	West Hill Minor Hockey Association	Storage room for a P.C. Room with video equipment to train.
Summer Hockey League	City Wide Summer Hockey League	Equipment storage area.
Hockey	Agincourt Church Hockey League	Storage room to store hockey equipment.
Competitive Minor/Senior Hockey	Metropolitan Toronto Hockey League Inc.	400-600 seats. Box office facilities.
Adult Hockey School	Ontario Adult Hockey School	Weight room or gym for dry land training.
Recreational, Non-contact, Adult Hockey	Scarborough Civic Hockey Association	Better spectator seating. Lack of sufficient shower facilities.
Minor Hockey	Cedar Hill Minor Hockey League	Public address system. Office and equipment space. Arena outside doors need replacing and heating system needs work.
Hockey School	Skates Edge Hockey School	Require use of Mid-Scarborough and Malvern gyms during summer school.
M.T.H.L.	Scarborough Young Bruins	Olympic sized ice pad. Proper seating. Eliminate automatic skate sharpener.
Ice Hockey	Centennial College	Bigger change rooms & ice surface. Improve heat in whole building.
Ball Hockey League	Scarboro Men's Ball Hockey	Smooth floor. Good shower.
Minor Hockey League	Scarboro Sabres Hockey Association	Storage of goods and proper seating at Scarborough Village arena.
Figure Skating	Scarboro Figure Skating Club	Good P.A. system.
Minor Hockey League	Scarborough Malvern Hockey	Storage rooms.

TABLE 4.18

POTENTIAL RELOCATION OF EXISTING AND NEW PROGRAMS / ACTIVITIES TO BIRCHMOUNT PARK

Organization Name	Existing Programs / Activites	New Programs / Activities	Comments
Scarborough City Cougars Hockey	Hockey		
Scarborough Board of Education	School ice rental		
	League hockey games		
Scarborough Men's Sports & Recreation Club	Adult Hockey (Oldtimer)		If larger ice and if better times.
Ontario Adult Hockey School		Coaching School (on ice)	There is no current program available.
Scarboro Young Bruins	Ice Hockey		Provide us with a home rink.
Centennial College	Ice Hockey		A better facility and good location.
Scarboro Men's Ball Hockey		Ball Hockey	Demand and good location.

TABLE 4.19

DESIRED SPECIAL EVENTS

Organization Name	Special Events	Specific Requirements
Ontario Hydro Oldtimers Hockey	Tournaments.	Friday, Saturday, Sunday dates not available.
West Hill Minor Hockey Association	Shamrock Tournament.	Poor facilities and conditions.
Agincourt Church Hockey League	Instructional and practice ice time.	
Ontario Adult Hockey School	Program Expansion.	Double the ice time.
Scarborough Intermediate Hockey	Adult Hockey Tournament.	Would require 60-100 hours in Fall (Sept.) or Spring (April).
Scarboro Lacrosse	Provincial Lacrosse Tournament.	Playing facilities.
Centennial College	Intramural Ice Hockey Tournament.	
Agincourt Lions Men's Hockey	Oldtimers Tournament.	Showers.
Scarboro Ladies Ringette	House league Tournaments with surrounding area teams.	
Scarborough Civic Hockey Association	Recreational adult tournament.	

TABLE 4.20

ISSUES / PROBLEMS

Issue / Problem	Groups
The best rinks are monopolized by large, profit-making leagues.	Agincourt Intermediate Hockey League
Unable to get time in Scarborough arenas that are municipally owned.	Metropolitan Toronto Hockey League Inc.
Require a better arena than Heron Park Require equipment, fund raiser notices and people to help promote minor hockey in West Hill.	West Hill Minor Hockey Association
The Agincourt facility is in desperate need of a few adjustments: 1..Showers in dressing rooms, promised to Lions Club in 1987/88 by Mr. Fleury. 2. Simple partition between rinks to roof for noise separation. 3. Roof replaced to prevent condensation forming dangerous lumps on the ice surface (occurs during mild weather). 4. New clocks supplied by Pepsi are not hockey clocks but basketball clocks. There is no 3 minute buzzer and the same horn on each clock is the same. This creates havoc for both men's and boy's hockey.	Agincourt Lions Men's Hockey
Change rooms are too small. Lack of adequate showers.	Scarborough Civic Hockey Association
Complacent, uninterested attitude by senior Parks & Recreation employees.	Agincourt Canadians Hockey League
Unable to obtain additional ice time.	Ontario Adult Hockey School
Terrible spectator seating.	Scarborough Civic Hockey Association
Require Grade 'A' facilities and additional showers. Minor hockey is using large facilities during prime hours for house league practices at the same time adult leagues are placed in smaller facilities where the whole team cannot use the dressing room at one time. Clairlea is an ideal practice arena for the minor league teams and should be used for that purpose.	Scarborough Intermediate Hockey
Summer ice quality is often poor. Often prior ice renters (ie. men's shinny) lag behind in dressing rooms when we have children coming in to get dressed. Often arena staff cannot or do not enforce vacating the rooms to accommodate next ice rental group.	Skates Edge Hockey School
Covered outdoor arenas should be upgraded.	Scarborough Hockey Association
Appreciate an additional 12 hours per week for our home games, within reason of the MTHL guidelines.	Scarboro Young Bruins
Arena attendants not arriving and opening arenas at prearranged time. Defective clocks and score boards.	Scarboro Lacrosse
Only 4 arenas with special ringette markings available.	Scarborough Ladies Ringette
Retain City staff operators in arenas as the contractors don't care. Prefer a second pad at Scarborough Village rather than at Birchmount Park.	Scarboro Sabres Hockey Association

4.4.2 Occasional User Questionnaire

A questionnaire was designed to solicit information on the present and future programs/activities offered by Scarborough arena occasional users. The information collected included occasional user profiles, types of arena use, present facility use, future facility requirements and potential relocation of programs/activities.

According to information provided by the Scarborough Recreation and Parks Department, there were a total of 344 groups that used the arenas on an occasional basis in 1989. These groups were mailed a questionnaire in December 1989. A total of 102 questionnaires were returned by January 5th, 1990. (See Appendix) This represents a 29.7% response rate.

A. User Characteristics

In the Occasional User Questionnaire, groups were asked to list their membership in 1989, the percentage of their membership in each age group and the number of males and females. Table 4.21 presents the membership of the occasional arena users and the age and sex of their membership.

Of those groups that responded, the majority were male participants; only eleven groups had female participants. Also, the majority of members were adults, age 18 to 54. Seventeen groups had members over the age of 55 and eleven groups had members from 13 to 17 years of age.

B. Change in Participation/Membership

Respondents were asked to list their membership/participation figures for the last five years. Table 4.22 shows the changes in membership of occasional user groups.

The responses to the questionnaire indicated that the majority of organizations experienced relatively stable membership during the past 5 years, however 20% experienced increased memberships. A few had fluctuating memberships (23 groups).

C. Use of Ice Time by Occasional Users

Tables 4.23 to 4.32 present the type of program/activity and the use of ice time per week in each arena by occasional users.

The respondents utilize approximately 119 hours per week of ice time in all 10 Scarborough arenas. Almost all of the organizations use the arenas for recreational and/or organized hockey. One group used the arena for ball hockey. Again, the majority of the groups used the arenas during the ice season.

The following is a summary of use by occasional users in Scarborough arenas :

Scarborough Centennial Recreation Centre
- 1 user group respondent
- 15 participants - 67% Scarborough residents
- 1 hour/week ice time for hockey

Clairlea Recreation Centre
- 10 user group respondents
- 224 participants - 64% Scarborough residents
- 6+ hours of ice time/week

Commander Park Arena and Community Hall
- 5 user group respondents
- 100+ participants - 76% Scarborough residents
- 4+ hours of ice time/week

Heron Park Recreation Centre
- 8 user group respondents
- 135 respondents - 60% Scarborough residents
- 6+ hours of ice time/week

Malvern Community Recreation Centre and Library
- 21 user group respondents
- over 1500 participants - 81% are Scarborough residents
- 21 hours/wk. ice time

McGregor Park Recreation Centre
- 13 user group respondents
- 527 participants - 67% Scarborough residents
- 14 hours/wk. ice time

Mid Scarborough Recreation Centre
- 14 user group respondents
- 462+ participants - 81% Scarborough residents
- 19.75 hours/wk. ice time

Scarborough Village Recreation Centre
- 8 user group respondents
- 226+ participants/year - 52% Scarborough residents
- 10+ hours/wk. ice time

Stephen Leacock Arena
- 17 user group respondents
- 309+ participants - 60% Scarborough residents
- 17.5 hours/wk. ice time

TABLE 4.21

ARENA OCCASIONAL USER GROUPS & USER CHARACTERISTICS

Organization	Membership			Age Composition (%)				
Name	Male	Female	Total	0-5	6-12	13-17	18-54	55+
Saturday Night Ice	22	-	22		90	10		
Southam BICG	18	-	18				100	
Ampro Oldtimers	30	-	30				95	5
Inkpen Group Hockey	12	-	12			5	95	
Over the Hill Sports Club	22	-	22				95	5
Mens Recreational Hockey	17	-	17				100	
Stingers Hockey Team	20	-	20				100	
Canada Post (south central)	18	-	18				100	
Umbra Shades	19	-	19				100	
Scar. Fire Fighters C Hock.	17	-	17				100	
No Names	25	-	25				100	
Woburn Mens Staff Hockey	25	-	25				100	
Pick Up Hockey	24	-	24				99	1
Ice Hockey	16	-	16				100	
Mens Shinney Hockey	14	-	14				100	
Private Pick Up Hockey	22	-	22				100	
Scar. Teachers Hockey	22	-	22				100	
Pick Up Hockey	20	-	20				100	
St. Augustine's Seminary	18	-	18				100	
Alumni Computer Group	15	5	20				100	
S.P.E.B.S.Q.S.A. Hockey	27	-	27				100	
Dirt Pigs Hockey Team	20	-	20				90	10
Shinney Hockey	25	-	25				100	
Brent Corlett Ice Contract	20	-	20				100	
Old Timers Hockey	20	-	20				60	40
Hockey	15	-	15				100	
Wilson Sports Hockey	17	-	17				95	5
Caribou Oldtimers	20	20	40				100	
Lever Hockey Club	60	-	60				100	
Friday Night Oldtimers	31	-	31				100	
Sam Ferris	50	-	50				94	6
Pickup Hockey	12	-	12				100	
Liquid Carbonic	20	-	20				100	

TABLE 4.21 (CONTINUED)

ARENA OCCASIONAL USER GROUPS & USER CHARACTERISTICS

Organization	Membership			Age Composition (%)				
Name	Male	Female	Total	0-5	6-12	13-17	18-54	55+
Lawson Mardon Group	16	-	16				100	
London Life	30	1	31				95	5
Pick Up	12	-	12				100	
Gibson / Noble	20	-	20			5	95	
Scar.Oldtimers Hockey	160	-	160				100	
Grande	20	-	20		5	15	80	
State Farm Hockey	25	-	25				100	
Scarborough Teachers	22	-	22				100	
Trudelle Intermediate Hock.	60	-	60				100	
Pleasure Hockey	25	-	25				100	
Creative Carpet Co.	15	2	17				100	
Philips Electronics Hockey	75	-	75				100	
Toronto Hockey Club	20	1	21				100	
Pick Up Hockey	22	-	22				100	
Hockey	-	20	20				100	
Scarborough Hydro	17	-	17				100	
Lena Hockey	14	-	14				100	
Hockey	19	-	19				100	
Recreational Hockey	18	-	18				100	
Rafking-Glen	25	-	25				100	
Leisure Hockey	24	-	24				100	
Shinney Pick Up Hockey	12	2	14				100	
M. Mac Chesney	25	-	25				100	
Central Ontario Over 50s	50	-	50				30	70
Sunday Nite Pick Up	20	-	20				100	
Ontario Latting Corp.	21	-	21				100	
Laura Secord	25	-	25				100	
Scar. Health Inspection	14	2	16			6	94	
Agincourt Lions Peewee	19	1	20			80	20	
Ice Hockey	20	-	20			15	85	
Hockey - Summer & Winter	20	-	20				95	5

TABLE 4.21 (CONTINUED)

ARENA OCCASIONAL USER GROUPS & USER CHARACTERISTICS

Organization	Membership			Age Composition (%)				
Name	Male	Female	Total	0-5	6-12	13-17	18-54	55+
Quinlan's Raiders	20	-	20				100	
Nite Hawks	16	-	16				100	
Weekly Hockey for Friends	12	-	12				100	
Griffith Laboratories	25	-	25				100	
Jack Palumbo	15	-	15			2	98	
David Beck Pick Up Hockey	20	-	20				100	
Alan Pelletier & Company	18	-	18				100	
Agincourt Lions Oldtimers	16	-	16				100	
Canada Post	18	-	18				100	
Chinese Oldtimers Hockey	30	-	30				100	
O.P.P. Telecommunications	10	3	13				100	
London Life Insurance Co.	60	-	60				95	5
Soho's	16	-	16				100	
Recreational Hockey	18	-	18				100	
Ice Hockey	30	-	30				100	
Ice Hockey	15	-	15				100	
Hockey	20	-	20			10	90	
Simmons Group	30	-	30				100	
Ice Hockey	12	-	12				100	
Pick Up Hockey	25	-	25				100	
Agincourt Lions	18	-	18				100	
Borden	16	-	16				95	5
Remax Town Centre Realty	12	-	12				95	5
Today's Business Products	16	-	16				100	
Malvern Raiders	32	-	32				100	
Donview Hockey Club	20	-	20				100	
Hockey	14	-	14				100	
Pick Up Hockey	50	-	50				94	6
Consumer's Gas Service	25	-	25				100	
Bendale Bible Chapter	16	-	16			10	90	
Informal Pick Up Hockey	14	-	14				100	

TABLE 4.21 (CONTINUED)

ARENA OCCASIONAL USER GROUPS & USER CHARACTERISTICS

Organization Name	Membership			Age Composition (%)				
	Male	Female	Total	0-5	6-12	13-17	18-54	55+
Agincourt Eagles Hockey	20	-	20				100	
Scarborough College	20	-	20				100	
Ed Watkins Pick Up Hockey	24	-	24				100	
Pick Up Hockey	20	-	20				100	
Great West Life Assurance	50	48	98				95	5
Epson Canada Limited	22	-	22				100	
Scar. Burnouts Oldtimers	20	-	20				90	10
Morrison Hershfield Ltd.	15	-	15				100	
Hockey	20	-	20			5	90	5

TABLE 4.22

OCCASIONAL USER GROUPS MEMBERSHIP

Organization Name	Increased + %	Decreased - %	Fluctuated	Stable
Saturday Night Ice				√
Southam BICG				√
Ampro Oldtimers			√	
Inkpen Group Hockey				√
Over the Hill Sports Club			√	
Mens Recreational Hockey				√
Stingers Hockey Team	6			
Canada Post (south central)	2			
Umbra Shades				√
Scar. Fire Fighters C Hock.			√	
No Names				√
Woburn Mens Staff Hockey				√
Pick Up Hockey				√
Ice Hockey			√	
Mens Shinney Hockey				√
Private Pick Up Hockey			10	
Scar. Teachers Hockey				√
Pick Up Hockey				√
St. Augustine's Seminary			√	
Alumni Computer Group	√			
S.P.E.B.S.Q.S.A. Hockey				√
Dirt Pigs Hockey Team				√
Shinney Hockey				√
Brent Corlett Ice Contract	8			
Old Timers Hockey				√
Hockey				√
Wilson Sports Hockey				√
Caribou Oldtimers				√
Lever Hockey Club	20			
Friday Night Oldtimers	5			
Sam Ferris				√
Pickup Hockey				√
Liquid Carbonic				√
Lawson Mardon Group			√	
London Life	5			
Pick Up				√
Gibson / Noble			√	
Scar.Oldtimers Hockey				√
Grande	5			
State Farm Hockey				√
Scarborough Teachers				√
Trudelle Intermediate Hock.				√
Pleasure Hockey			√	
Creative Carpet Co.	10			
Philips Electronics Hockey				√
Toronto Hockey Club			√	
Pick Up Hockey				√
Hockey	4			
Scarborough Hydro				√
Lena Hockey				√
Hockey				√
Recreational Hockey				√

TABLE 4.22 CONTINUED

OCCASIONAL USER GROUPS MEMBERSHIP

Organization Name	Increased + %	Decreased - %	Fluctuated	Stable
Rafking-Glen				√
Leisure Hockey				
Shinney Pick Up Hockey	6			
M. Mac Chesney	5			
Central Ontario Over 50s				√
Sunday Nite Pick Up			5	
Ontario Latting Corp.				√
Laura Secord	5			
Scar. Health Inspection	6			
Agincourt Lions Peewee				√
Ice Hockey			√	
Hockey - Summer & Winter	5			
Quinlan's Raiders				√
Nite Hawks				√
Weekly Hockey for Friends			√	
Griffith Laboratories			√	
Jack Palumbo	4			
David Beck Pick Up Hockey				√
Alan Pelletier & Company	10			
Agincourt Lions Oldtimers				√
Canada Post				√
Chinese Oldtimers Hockey			√	
O.P.P. Telecommunications				√
London Life Insurance Co.				√
Soho's				√
Recreational Hockey				√
Ice Hockey			√	
Ice Hockey				√
Hockey				
Simmons Group			√	
Ice Hockey			√	
Pick Up Hockey				√
Agincourt Lions				√
Borden				√
Remax Town Centre Realty			√	
Today's Business Products			√	
Malvern Raiders	4			
Donview Hockey Club				√
Hockey				
Pick Up Hockey	30			
Consumer's Gas Service			√	
Bendale Bible Chapter				√
Informal Pick Up Hockey				√
Agincourt Eagles Hockey				√
Scarborough College				√
Ed Watkins Pick Up Hockey			√	
Pick Up Hockey			√	
Great West Life Assurance	20			
Epson Canada Limited				√
Scar. Burnouts Oldtimers				√
Morrison Hershfield Ltd.				√

TABLES 4.23 TO 4.32
OCCASIONAL USERS PROFILE

TABLE 4.23

ARENA: Agincourt

Organization Name	Program/ Activity	Total # of Participants/ Year	% of Scarboro Residents	Total # of Hours / Week	
				With Ice	No Ice
Inkpen Group Hockey	Pick Up Hockey	200	90	1.0	
Umbra Shades	Hockey	20	90	n/a	
Agincourt Lion's Peewee	Practice	20	100	2.0	
	Games	200	100	1.0	
Hockey	Hockey	17	75	1.0	
Chinese Oldtimers Hockey	Hockey	30	85	1.5	
Ice Hockey	Hockey	30	80	1.0	
Hockey	Ice Hockey	15	85	1.0	
Agincourt Lions	Hockey	18	100	2.0	
Pick Up	Hockey	12	80	1.0	
Gibson / Noble	Hockey	20	90	1.0	
Hockey	Hockey	17	90	1.0	
Trudelle Intermediate Hock.	Hockey	60	85	2.0	
Creative Carpet Co.	n/a	20	10	1.0	
Pleasure Hockey	Hockey	25	10	1.0	
Informal Pick Up Hockey	Pick Up Hockey	14	99	1.0	
Woburn Mens' Staff Hockey	Hockey	25	70	1.0	
Pick Up Hockey	Ball Hockey	16	100		1.0

TABLE 4.24

ARENA: Scarborough Centennial

Organization Name	Program/ Activity	Total # of Participants/ Year	% of Scarboro Residents	Total # of Hours / Week	
				With Ice	No Ice
Alumni Computer Group	Hockey	15	67	1.0	

TABLE 4.25

ARENA: Clairlea

Organization Name	Program/ Activity	Total # of Participants/ Year	% of Scarboro Residents	Total # of Hours / Week	
				With Ice	No Ice
Saturday Night Ice	Skating Practice	22	50	n/a	
Shinney Pick Up Hockey	Pick Up Hockey	20	95	1.0	
Quinlan's Raiders	Hockey	20	60	1.0	
Griffith Laboratories	Men's Pick Up	25	50	1.0	
Caribou Oldtimers	n/a	22	80	n/a	
Lever Hockey Club	Pick Up Hockey	60	35	n/a	
Canada Post	Hockey	20	50	1.0	
Recreational Hockey	Hockey	19	50	1.0	
Bendale Bible Chapel	Hockey	16	70	1.0	
London Life	Oldtimers Hock.	n/a	100		

TABLE 4.26

ARENA: Commander Park

Organization Name	Program/ Activity	Total # of Participants/ Year	% of Scarboro Residents	Total # of Hours / Week	
				With Ice	No Ice
Stingers Hockey Team	n/a				
No Names	n/a	25	75	1.0	
Private	Pick Up Hockey	n/a	80	1.0	
State Farm Hockey	n/a	25	50	1.0	
Philips Electronics	Ice Hockey	50	100	1.0	

TABLE 4.27

ARENA: Heron Park

Organization Name	Program/ Activity	Total # of Participants/ Year	% of Scarboro Residents	Total # of Hours / Week	
				With Ice	No Ice
Sunday Nite Pick Up	Hockey	20	15	1.0	
Mens Shinney Hockey	Men's Ice Hock.	14	50	n/a	
David Peck Pick Up Hockey	Pick Up Hockey	20	90	1.0	
Shinney Hockey	Shinney Hockey	25	100	1.0	
Ice Hockey	Ice Hockey	n/a	95	1.0	
Borden	Private Hockey	16	50	1.0	
Scarborough College	Hockey	20	20	n/a	
Hockey	Hockey	20	60	1.0	

TABLE 4.28

ARENA: Malvern

Organization Name	Program/ Activity	Total # of Participants/ Year	% of Scarboro Residents	Total # of Hours / Week	
				With Ice	No Ice
Ampro Oldtimers	Pick Up Hockey	30	50	1.5	
Leisure Hockey	Leisure Hockey	24	75	1.0	
Scar. Fire Fighters C Hock.	Hockey	16	50	0.5	
Pick Up Hockey	Pick Up Hockey	500	80	1.0	
Hockey - Summer & Winter	Hockey	20	95	1.0	
Dirt Pigs Hockey Team	Ice Hockey	20	75	n/a	
Old Timers	Hockey	22	90	n/a	
Friday Night Oldtimers	Hockey	35	100	1.0	
London Life Insurance Co.	Hockey	60	90	2.5	
Lawson Marden Group	n/a	16	31	n/a	
Malvern Raiders	Adult Hockey	32	88	1.0	
Donview Hockey Club	Hockey	20	40	n/a	
Toronto Hockey Club	Non-contact	21	95	1.0	
Hockey	Hockey	500	75	1.0	
Scar. Burnouts Oldtimers	Hockey	20	90	1.0	
Brian Lister	Recn'l Hockey	20	80	1.0	
Central Ontario Over 50s	Senior Hockey	50	75	1.0	
Woburn Mens' Staff Hockey	Hockey	25	70	1.0	
Brent Corlett Ice Contract	Team Rep NEHL	17	88	3.0	
Sam Ferris	Adult Pick Up	25	80	1.0	
London Life	Tourn. Practices	50	100	0.5	

TABLE 4.29

ARENA: McGregor Park

Organization Name	Program/ Activity	Total # of Participants/ Year	% of Scarboro Residents	Total # of Hours / Week	
				With Ice	No Ice
Men's Recn'l Pick Up Hock.	Pick Up Hockey	20	95	1.0	
Canada Post South Central	Shinney Hockey	330	40	1.0	
Scar. Health Inspection	Hockey	16	90	1.0	
Ice Hockey	Shinney Hockey	22	80	1.0	
Ice Hockey	Ice Hockey	20	95	1.0	
Jack Palumbo	Hockey	15	50	2.0	
St. Augustine's Seminary	Hockey	18	100	1.0	
O.P.P. Telecommunication	n/a	13	2	1.0	
Soho's	Ice Hockey	18	80	1.0	
Today's Business Products	Rec'n Ice Hock.	18	85	1.0	
Grande	Ice Hockey	20	20	1.0	
Scarborough Hydro	Hockey	17	50	1.0	
Non-contact Pick Up Hock.	Pick Up Hockey	n/a	80	1.0	

TABLE 4.30

ARENA: Mid Scarborough

Organization Name	Program/ Activity	Total # of Participants/ Year	% of Scarboro Residents	Total # of Hours / Week	
				With Ice	No Ice
Scarborough Teachers	n/a	22	80	1.0	
Southam BICG	Pick Up Hockey	18	17	1.0	
Over the Hill Sports Club	Hockey	22	70	1.0	
Rafking Glean	Pick Up Hockey	25	80	1.0	
M. MacChesney	n/a	25	90	1.25	
Laura Secord Scar. Hockey	Hockey	25	80	1.0	
	Summer Hockey	20	80	1.0	
Remax Town Centre Realty	Hockey	18	95	1.0	
Ed Watkins Pick Up Hockey	Non-contact	30	90	1.0	
Great West Life Assurance	n/a	30	80	1.0	
Sam Ferris	Adult Pick Up	25	80	1.0	
Scarborough Oldtimers	Hockey	160	90	5.5	
Oldtimers Pick Up Hockey	Pick Up Hockey	42	98	1.0	
Epson Canada	n/a	n/a	30	1.0	
Non-contact Pick Up Hock.	Pick Up Hockey	n/a	80	1.0	

TABLE 4.31

ARENA: Scarborough Village

Organization Name	Program/ Activity	Total # of Participants/ Year	% of Scarboro Residents	Total # of Hours / Week	
				With Ice	No Ice
Liquid Carbonic	Hockey	20	60	1.0	
Nite Hawks	Hockey	16	n/a	1.0	
Alan Pelletier & Company	Ice Hockey	18	25	1.0	
Consumer's Gas	n/a	n/a	100	1.0	
Central Ontario Over 50s	Senior Hockey	50	75	1.0	
Oldtimers Pick Up Hockey	Pick Up Hockey	22	95	1.0	
Philips Electronics Hockey	Ice Hockey	100	33	n/a	
Epson Canada Limited	n/a	n/a	30	4.0	

TABLE 4.32

ARENA: Stephen Leacock

Organization Name	Program/ Activity	Total # of Participants/ Year	% of Scarboro Residents	Total # of Hours / Week	
				With Ice	No Ice
Ontario Latting Corp.	Pick Up Hockey	21	80	1.0	
Weekly Hockey for Friends	Hockey	15	80	1.0	
Scarborough Teachers	Teacher Hockey	22	50	1.0	
Pick Up Hockey	Pick Up Hockey	20	50	1.0	
S.P.E.B.S.Q.S.A. Hockey	Hockey	27	81	1.0	
Wilson Sports Hockey	Hockey	20	25	1.0	
Pick Up Hockey	Pick Up Hockey	12	70	1.0	
Hockey	Hockey	20	50	1.5	
Simmons Group	Pick Up Hockey	40	60	1.0	
Pick Up Hockey	Pick Up Hockey	25	50	1.0	
Agincourt Eagles Hockey	Skating	n/a	90	1.0	
Private Recreational Hock.	Hockey	15	10	1.0	
Lena	Hockey	14	30	1.0	
Hockey	Hockey	18	90	1.0	
Brent Corlett Ice Contract	Pick Up Hockey	20	75	1.0	
Pick Up Hockey	Ice Hockey	20	100	1.0	
Epson Canada Limited	n/a	n/a	30	1.0	

D. Facility Rating

Occasional user groups were asked to rate the suitability of the facility they used as excellent, good fair or poor. They were also asked to list any suggested improvements for the facilities they use. The rating of facilities by user groups and suggested improvements are listed in Tables 4.33 to 4.42.

Facilities rated good to excellent overall include:

- Commander Park Arena and Community Hall
- Mid Scarborough Recreation Centre
- Scarborough Village Recreation Centre
- Malvern Community Recreation Centre
- Stephen Leacock Arena
- Scarborough Centennial Recreation Centre

Facilities rated fair to good overall include:

- Agincourt Recreation Centre
- Clairlea Recreation Centre
- McGregor Park Recreation Centre
- Heron Park Recreation

Concerns/improvements for the arena facilities which were mentioned by more than one occasional user group are:

- Inadequate shower facilities and/or showers are required

  - Mid Scarborough R.C.
  - Agincourt R.C.
  - McGregor Park R.C.
  - Heron Park R.C.

- Require larger change rooms and/or additional change room space:

  - Malvern C.R.C.
  - Clairlea R.C.

- Poor ice quality/small rink size

  - Agincourt R.C.
  - McGregor Park R.C.

- Lack of maintenance/cleanliness

  - Mid Scarborough
  - Clairlea
  - Agincourt R.C.

- Rubber floor coverings required

  - McGregor R.C.
  - Stephen Leacock R.C.

E. Time Allocation

In order to identify the future requirements of occasional user groups, the questionnaire asked groups to list their current programs/activities, the present time allocation and their preferred time and location if it was different from the existing allocation. The time allocations and preferences are listed for groups at each arena in Tables 4.43 to 4.51.

The existing "ice" times allocated to the responding occasional user groups are:

- Late evening hours, 10:00 pm to midnight, Sunday through Friday,
- Early morning hours, Saturday and Sunday, and
- Thursday evening is the busiest evening for ice time with these respondents.

Preferred times indicated by respondents are:

- Evenings, 7:00 - 10:00 pm, Sunday through Friday,
- Morning or late afternoon, Saturday,
- Afternoons, Sunday, and
- Monday evening is the most popular.

TABLES 4.33 TO 4.42
FACILITY RATING

TABLE 4.33

ARENA: Agincourt

Organization Name	Program / Activity	Facility Rating				Improvements Identified
		Excellent (√)	Good (•)	Fair (*)	Poor (o)	
Inkpen Group Hockey	Pick Up Hockey			*		Showers are needed.
Umbra Shades	Hockey		•			
Agincourt Lion's Peewee	Practice		•			Snack bar/change rooms area is congested.
	Games			*		Spectator seating on *both* sides of rink.
Hockey	Hockey		•			
Chinese Oldtimers Hockey	Hockey	√				Showers are needed.
Ice Hockey	Hockey			*		Ice is brittle and surface is rough.
Hockey	Ice Hockey		•			Parking. Heat in change rooms. Availability of ice time. Cleanliness of change room.
Agincourt Lions	Hockey			*		Too cold and noisy.
Pick Up	Hockey		•			Availability of ice time.
Gibson / Noble	Hockey		•			
Hockey	Hockey		•			
Trudelle Intermediate Hock.	Hockey		•			
Creative Carpet Co.	n/a		•			
Pleasure Hockey	Hockey				o	Showers are needed. Poor lighting. Poor staff response. Cold and dirty change rooms.
Informal Pick Up Hockey	Pick Up Hockey	√				
Woburn Mens' Staff Hockey	Hockey			*		The roof leaks. Ice surface is bumpy. Lack of showers. Box doors are dangerous.
Pick Up Hockey	Ball Hockey		•			

TABLE 4.34

ARENA: Commander Park

Organization	Program / Activity	Facility Rating				Improvements Identified
Name		Excellent (√)	Good (•)	Fair (*)	Poor (o)	
Stingers Hockey Team	n/a					
No Names	n/a	√				
Private	Pick Up Hockey	√				
State Farm Hockey	n/a	√				
Philips Electronics	Ice Hockey		Q	*		Availability of ice time. Small change rooms.

TABLE 4.35

ARENA: Heron Park

Organization	Program / Activity	Facility Rating				Improvements Identified
Name		Excellent (√)	Good (•)	Fair (*)	Poor (o)	
Sunday Nite Pick Up	Hockey		•			
Mens Shinney Hockey	Men's Ice Hock.		•			
David Peck Pick Up Hockey	Pick Up Hockey		•			
Shinney Hockey	Shinney Hockey		•			More showers and larger change rooms. Small ice should be increased.
Ice Hockey	Ice Hockey		•			
Borden	Private Hockey	√				
Scarborough College	Hockey		•			
Hockey	Hockey			*		No shower facilities.

TABLE 4.36

ARENA: Malvern

Organization Name	Program / Activity	Facility Rating				Improvements Identified
		Excellent (√)	Good (•)	Fair (*)	Poor (o)	
Ampro Oldtimers	Pick Up Hockey	√				
Leisure Hockey	Leisure Hockey	√				
Scar. Fire Fighters C Hockey	Hockey			*		Ice quality is poor. Nets need repair and solid anchorings. Change rooms & rinks too small.
Pick Up Hockey	Pick Up Hockey		•			Change rooms are too small.
Hockey - Summer & Winter	Hockey	√				
Dirt Pigs Hockey Team	Ice Hockey	√				
Old Timers	Hockey		•			
Friday Night Oldtimers	Hockey	√				
London Life Insurance Co.	Hockey	√				
Lawson Marden Group	n/a	√				
Malvern Raiders	Adult Hockey	√				
Donview Hockey Club	Hockey	√				
Toronto Hockey Club	Non-contact	√				
Hockey	Hockey	√				
Scar. Burnouts Oldtimers	Hockey		•			
Brian Lister	Recn'l Hockey	√				
Central Ontario Over 50s	Senior Hockey	√				
Woburn Mens' Staff Hockey	Hockey		•			
Brent Corlett Ice Contract	Team Rep NEHL	√				
Sam Ferris	Adult Pick Up	√				
	" - Summer	√				
London Life	Tourn. Practices	√				

TABLE 4.37

ARENA: McGregor Park

Organization	Program / Activity	Facility Rating				Improvements Identified
Name		Excellent (√)	Good (•)	Fair (*)	Poor (o)	
Men's Recn'l Pick Up Hockey	Pick Up Hockey			*		Small rink is inadequate. Ice surface is below par. Zamboni breaks down.
Canada Post South Central	Shinney Hockey		•			No showers.
Scar. Health Inspection	Hockey	√				
Ice Hockey	Shinney Hockey		•			
Ice Hockey	Ice Hockey		•			
Jack Palumbo	Hockey		•			
St. Augustine's Seminary	Hockey			*		Floor covering that won't damage blades. Showers in dressing rooms.
O.P.P. Telecommunication	n/a		•			
Soho's	Ice Hockey			*		Ice is rough. One rink is too small. Showers.
Today's Business Products	Rec'n Ice Hock.			*		Heating. Poor ice surface. Showers. Small change rooms. Enlarge ice surface.
Grande	Ice Hockey		•			Showers are needed.
Scarborough Hydro	Hockey		•			Showers are needed.
Non-contact Pick Up Hock.	Pick Up Hockey			*		Poor ice surface.

TABLE 4.38

ARENA: Scarborough Centennial

Organization Name	Program / Activity	Facility Rating				Improvements Identified
		Excellent (√)	Good (•)	Fair (*)	Poor (o)	
Alumni Computer Group	Hockey	√				

TABLE 4.39

ARENA: Clairlea

Organization Name	Program / Activity	Facility Rating				Improvements Identified
		Excellent (√)	Good (•)	Fair (*)	Poor (o)	
Saturday Night Ice	Skating Practice			*		General maintenance.
Shinney Pick Up Hockey	Pick Up Hockey		•			
Quinlan's Raiders	Hockey			*		Small change rooms need showers.
Griffith Laboratories	Men's Pick Up		•			Could use larger change rooms.
Caribou Oldtimers	n/a		•			
Lever Hockey Club	Pick Up Hockey			*		More change rooms and better heating.
Canada Post	Hockey		•			
Recreational Hockey	Hockey			*		Better heating in change rooms. Better ice surface.
Bendale Bible Chapel	Hockey		•			Door closers missing. Change rooms cold.
London Life	Oldtimers Hock.			*		Poor ice surface. Arena is too cold.

TABLE 4.40

ARENA: Mid Scarborough

Organization	Program / Activity	Facility Rating				Improvements Identified
Name		Excellent (√)	Good (•)	Fair (*)	Poor (o)	
Scarborough Teachers	n/a	√				Ice behind nets occasionally not cleaned.
Southam BICG	Pick Up Hockey	√				
Over the Hill Sports Club	Hockey			*		Showers are needed.
Rafking Glean	Pick Up Hockey			*		Shower water is inconsistent.
M. MacChesney	n/a	√				
Laura Secord Scar. Hockey	Hockey	√				
	Summer Hockey		•			No maintenance is done.
Remax Town Centre Realty	Hockey		•			
Ed Watkins Pick Up Hockey	Non-contact	√				Inadequate shower facilities.
Great West Life Assurance	n/a	√				
Sam Ferris	Adult Pick Up		•			
Scarborough Oldtimers	Hockey		•			Showers are needed in each change room.
Oldtimers Pick Up Hockey	Pick Up Hockey	√				
Epson Canada	n/a		•			Showers should be better.
Non-contact Pick Up Hock.	Pick Up Hockey	√				

TABLE 4.41

ARENA: Scarborough Village

Organization	Program / Activity	Facility Rating				Improvements Identified
Name		Excellent (√)	Good (•)	Fair (*)	Poor (o)	
Liquid Carbonic	Hockey	√				
Nite Hawks	Hockey		•			
Alan Pelletier & Company	Ice Hockey	√				
Consumer's Gas	n/a	√				
Central Ontario Over 50s	Senior Hockey	√				
Oldtimers Pick Up Hockey	Pick Up Hockey	√				
Philips Electronics Hockey	Ice Hockey	√				
Epson Canada Limited	n/a		•			Better showers.

TABLE 4.42

ARENA: Stephen Leacock

Organization Name	Program / Activity	Facility Rating				Improvements Identified
		Excellent (√)	Good (•)	Fair (*)	Poor (o)	
Ontario Latting Corp.	Pick Up Hockey		•			
Weekly Hockey for Friend	Hockey		•			
Scarborough Teachers	Teacher Hockey		•			Rubber flooring is needed.
Pick Up Hockey	Pick Up Hockey		•			
S.P.E.B.S.Q.S.A. Hockey	Hockey	√				
Wilson Sports Hockey	Hockey		•			
Pick Up Hockey	Pick Up Hockey	√				
Hockey	Hockey		•			
Simmons Group	Pick Up Hockey		•			
Pick Up Hockey	Pick Up Hockey	√				
Agincourt Eagles Hockey	Skating	√				
Private Recreational Hock.	Hockey			*		Clean showers. Rubber flooring.
Lena	Hockey		•			
Hockey	Hockey	√				
Brent Corlett Ice Contract	Pick Up Hockey		•			
Pick Up Hockey	Ice Hockey		•			
Epson Canada Limited	n/a			*		Ice surface is bad.

TABLES 4.43 - 4.51
TIME ALLOCATION

TABLE 4.43

Present Arena: Commander Park Centre

Organization Name	Program / Activity	Present Time	Preferred Time	Preferred Arena	Reasons Why
Stingers Hockey Team	n/a	Tues, 10 pm	Tues, 9-10 pm	Malvern	Location
Philips Electronics	Ice Hockey	11 pm - 12 am	earlier		Too late

TABLE 4.44

Present Arena: Heron Park

Organization Name	Program / Activity	Present Time	Preferred Time	Preferred Arena	Reasons Why
Sunday Nite Pick Up	Hockey	Sun, 9:45-10:45 pm	Sun, 8:45-9:45 pm		Possibly more consistent attendance
Mens Shinney Hockey	Men's Ice Hock.	Mon, 10-11pm	anything earlier	anywhere in east Scarb.	Earlier
Ice Hockey	Ice Hockey	Sun, 10-11pm	Sun, 8 *or* 9 pm		10 pm is too late for some people
Scarborough College	Hockey	Thurs, 11 pm	Thurs, 9 pm		Working players

TABLE 4.45

Present Arena: Malvern

Organization Name	Program / Activity	Present Time	Preferred Time	Preferred Arena	Reasons Why
Ampro Oldtimers	Winter Hockey	Thurs, 6 pm	Thurs, 7 pm		Not so rushed after work, more players
	Summer Hockey	Tues & Thurs, 6:15 pm	Tues & Thurs, 7:15 pm		same as above
Old Timers	Hockey	10:15 pm Oct. thru March	8 or 9 pm	Malvern or Scar. Village	10:15 is too late
Scar. Burnouts Oldtimers	Hockey	Thurs, 4-5 pm	Sun, 9 am or 1 pm		Better chance of getting players out each week
Central Ontario Over 50s	Senior Hockey	Fri, 10 pm	Fri, 8 pm		Too late
Brent Corlett Ice Contract	Team Rep NEHL	Thurs, 9-11	Thurs, 7-9		Games are too late

TABLE 4.46

Present Arena: McGregor Park

Organization Name	Program / Activity	Present Time	Preferred Time	Preferred Arena	Reasons Why
Men's Recn'l Pick Up Hock.	Pick Up Hockey	Thurs, 11pm - 12 am	Thurs, 10 - 11 pm		To make it easier to go to work Friday mornings
Ice Hockey	Shinney Hockey	Sun, 10-11 pm	Sun, 9-10 pm		For more participation by others
St. Augustine's Seminary	Hockey	Fri, 3-4 pm	same	Mid Scarb.	Mid Scarborough is closer
Soho's	Ice Hockey	Wed, 11-12 pm	Wed, 7-10		
Today's Business Products	Rec'n Ice Hock.	Fri, 5-6 pm	Fri, 5:30-6:30 pm	McGregor or Commander	People work until 5 pm. Closer to work

TABLE 4.47

Present Arena: Mid Scarborough

ORGANIZATION NAME	PROGRAM/ ACTIVITY	PRESENT TIME	PREFERRED TIME	PREFERRED ARENA	REASONS WHY
Over the Hill Sports Club	Hockey	Thurs, 10-11 pm	Tues, 8-9 pm		We're getting too old for late games
Ed Watkins Pick Up Hockey	Non-contact	Mon, 10-11	9 to 10 or 9:30-10:30	flexible	Prefer earlier time
Sam Ferris	Adult Pick Up	Thurs, 10-11	Mon between 7 and 9 pm	Malvern or Commander	Current time is too late
Scarborough Oldtimers	Hockey	Sun, 1:15-6:30	Mon, 7-10 pm	A double surface	Family reasons. Conflict with tournaments. Easier to supervise

TABLE 4.48

Present Arena: Stephen Leacock Recreation Centre

Organization Name	Program / Activity	Present Time	Preferred Time	Preferred Arena	Reasons Why
Pick Up Hockey	Pick Up Hockey	Sun, 9-10 pm	same	Heron Park	Heron park is closer to home
Epson Canada Limited	n/a	Mon, 5:45	Mon, 6:15		Easier to get to after work

TABLE 4.49

Present Arena: Agincourt

Organization Name	Program / Activity	Present Time	Preferred Time	Preferred Arena	Reasons Why
Inkpen Group Hockey	Pick Up Hockey	Thurs, 10:15-11:15 pm	Wed, 8-9 pm	Mid Scarb. Malvern	They both have showers
Umbra Shades	Hockey	Sat, 6-7pm	Sat, 5-6 pm		Earlier time would be better
Ice Hockey	Hockey	Tues, 11 pm	Tues, 8 pm		
Agincourt Lions	Hockey	Sun, 7-8 am	Sun, 1-2 pm		Better for everyone
		Sun, 5-6	Sun, 2-3 pm		
Pick Up	Hockey	Mon, 11 pm	Mon, 9-10 pm		
Informal Pick Up Hockey	Pick Up Hockey	Sat, 12:15-1:15 am	Sat, 12-1 am		Makes it a little earlier

TABLE 4.50

Present Arena: Scarborough Centennial

Organization Name	Program / Activity	Present Time	Preferred Time	Preferred Arena	Reasons Why
Alumni Computer Group	Hockey	Tues, 11:10-12:10 pm	Tues, 9:10-10:10 pm		Current time is too late

TABLE 4.51

Present Arena: Clairlea

Organization Name	Program / Activity	Present Time	Preferred Time	Preferred Arena	Reasons Why
Shinney Pick Up Hockey	Pick Up Hockey	Sat, 10:45-12:45 pm	Fri, 9-11 pm		Special occasions typically on Saturdays cut into turnouts
Bendale Bible Chapel	Hockey	Sat, 8:15-9:15 am	same or 8-9 am	Scarborough Village	Better ice, stands and location

F. Additional Facility Time Required

In order to identify future arena needs, the questionnaire asked groups to list their current programs/activities, future programs/activities and the time required for those programs/activities. These requirements are shown in Tables 4.52 to 4.57.

More than 15% of the groups which use Scarborough municipal arena facilities have indicated that additional hours are required. Approximately 25 hours of ice time per week were requested by these organizations. This would vary during the winter season as some groups requested earlier start times rather than addition hours per week.

Reasons for additional time requirements include:

- increased number of participants
- increased number of playing time hours
- need for more practice time

One out of every four requests for additional ice time also specified a different location than the current. One group, a softball organization, requested arena time with "no ice".

G. Special Facility Requirements

The questionnaire asked occasional user groups to list any special facility requirements they have, or any locational requirements. Special requirements are summarized for each program/activity in Table 4.58.

Special facility requirements were reported by 9 competitive hockey groups. The emphasis of most groups was on adequate shower and change room facilities. Additional facility space was requested for spectator seating, a weight room, meeting rooms, and social/ banquet rooms. Further requirements included accessibility on a regular basis and the need for an electronic score board.

In addition, 6 of the 11 recreational hockey groups responding indicated a need for shower facilities. Other requests included a weight room, spectator seating, skate sharpening and larger, faster ice surfaces.

TABLES 4.52 - 4.57
ADDITIONAL FACILITY TIME REQUIRED

TABLE 4.52

Arena: Agincourt

Organization	Present Program / Activity	Future Program / Activity	Total # of Hours Required		Preferred Location	Comments
Name			Ice	No Ice		
Agincourt Lion's Peewee	Practice	Practice time	1		Agincourt	Need more practice time
Chinese Oldtimers Hockey	Hockey	League activity	1.5		Agincourt, Leacock, or McGregor	Proximity to residents
	Softball	Softball		2.5	L'Amoreaux or Agincourt	Proximity to residents

TABLE 4.53

Arena: Clairlea Recreation Centre

Organization	Present Program / Activity	Future Program / Activity	Total # of Hours Required		Preferred Location	Comments
Name			Ice	No Ice		
Saturday Night Ice	Skating Practice		40		Clairlea	
Griffith Laboratories	Men's Pick Up	Summer ice hockey	1			To play hockey right after work
Lever Hockey Club	Pick Up Hockey	Kids Skating	6-9 pm 1hr.		Mid Scarborough or Clairlea	To help teach children
Bendale Bible Chapel	Hockey		8-9 1hr.		Birchmount	Could form two more teams

TABLE 4.54

Arena: Commander Park

Organization	Present Program / Activity	Future Program / Activity	Total # of Hours Required		Preferred Location	Comments
Name			Ice	No Ice		
Slingers Hockey Team	n/a	Ice rental	prime		Malvern	Location
No Names	n/a	Ice rental	1 hr.		Commander Park	Good facilities and manager

TABLE 4.55

Arena: Malvern

Organization	Present Program / Activity	Future Program / Actiivty	Total # of Hours Required		Preferred Location	Comments
Name			Ice	No Ice		
Ampro Oldtimers	Pick Up Hockey	Summer Hockey	4 hrs.		Malvern	

TABLE 4.56

Arena: McGregor Park

Organization	Present Program / Activity	Future Program / Activity	Total # of Hours Required		Preferred Location	Comment
Name			Ice	No Ice		
Ice Hockey	Shinney Hockey	Ice Hockey	2 hrs.		McGregor	Increases time of play and participation
Jack Palumbo	Hockey		2.5 hrs.		Leacock	Bigger
			2.5 hrs.		Commander	Bigger

TABLE 4.57

Arena: Multi Facility Users

Organization	Present Program / Activity	Future Program / Activity	Total # of Hours Required		Preferred Location	Comments
Name			Ice	No Ice		
Central Ontario Over 50s	Seniors Hockey		Daytime		Westhill	More and more retired participants
Brent Corlett Ice Contract		Pick Up Hockey	prime		Malvern, Commander	Would like practice time at a reasonable hour on good ice
Sam Ferris	Adult Pick Up Hockey		2 hrs.		Malvern, commander	Have waiting list of associates & family who would like to play
Oldtimers Pick Up Hockey	Pick Up Hockey		Thursday in summer		Scarb. Village or Mid Scarborough	Good facilitie and convenient for my group. Operated by excellent staff
Epson Canada Limited	Hockey		6-7		Leacock	Proximity to office

TABLE 4.58

SPECIAL FACILITY REQUIREMENTS

Activity: Organized Hockey

Organization name	Special Facility Requirements
Inkpen Group Hockey	Showers. Larger change rooms
Chinese Oldtimers Hockey	Availability of regular scheduled sports permits
Agincourt Lions	Meeting room for off ice training
Canada Post	Change rooms are cold
Bendale Bible Chapel	Seating for spectators
Stingers Hockey Team	Use of banquet room 1-2 occasions per year
Dirt Pigs Hockey Team	Electronic Scoreboard. Weight room
Soho's	Showers
Scarborough Hydro	Showers

Activity: Recreational Hockey

Organization Name	Special Facility Requirements
Al Schnurr	Showers, whirlpool, bar
Mark Singleton	A hi-tech weight room
Scarborough Health Inspection	Showers
Sebastien Agosta	Showers
Andrew J. Mullett	Showers. Larger change rooms
Jack Palumbo	Seating
Grande	Shower rooms
Southam BICG	Skate sharpening
M. MacChesney	Better shower conditions - water leaks into change rooms
Alan Pelletier	Sauna
Brent Corlett Ice Contract	Better rink than Leacock (larger, faster ice)

H. Issues / Problems

The questionnaire provided an opportunity for occasional user groups to describe any issues or problems they have related to arenas in Scarborough. Thirty-two groups responded. Table 4.59 outlines the comments made.

The major issue mentioned by groups responding to the questionnaire is the perceived lack of time or space available to "non-leagues" groups. Presently the times allocated to occasional users are too late at night, too few or not available at all. Reportedly, allocated ice times have been cancelled for the benefit of other groups. A number of groups mentioned that standards of maintenance, cleanliness and services should be increased/improved. Parking, the size of ice surfaces and the size and quality of change rooms were issues. One respondent thought that Clairlea and McGregor facilities should be rebuilt. Eight organizations indicated that there were no major issues/problems and that staff were good to deal with.

TABLE 4.59

FACILITY ISSUES / PROBLEMS

Issue / Problem	Groups
Time space available to "non-leagues" groups are too late at night / not available.	Inkpen Group Hockey
	Gibson / Noble
	Southam BICG
	Woburn Men's Staff Hockey
	Sam Ferris
	Scarborough Oldtimers Hockey
Everything is okay / Staff are good to deal with	Umbra Shades
	Canada Post
	Scarborough Teachers
	St. Augustine's Seminary
	Laura Secord
	Consumers Gas
	Agincourt Eagles
	Herb Trew
Parking is crowded or nonexistent.	Agincourt Lions Peewee Selects
Arena staff are hard to contact.	Chinese Oldtimers Hockey
Group is not getting full hour of paid play.	Michael Shum
	Bendale Bible Chapel
Ice quality is poor.	Angus Stewart
Facilities don't meet up to other Municipalities facilities	Pleasure Hockey
Change rooms are not kept clean	Informal Pick Up Hockey
	Rob Shum
	Brian Smith
Year round ice time close to work	Griffith Laboratories
	Ampro Oldtimers
Change rooms are too small	Leisure Hockey
Ice time is cancelled for other organizations	Gary Lang
Enlarge ice surface	Scarborough Hydro
McGregor & Clairlea should be rebuilt	M. MacChesney
Coffee shop not open for spectators	Great West Life Assurance
Alcohol permitted in specific areas in arena	Brent Corlett Ice Contract
Ice time should come in 1.5 hour periods	Epson Canada Limited

4.5 Summary

Block users

- Number of participants have increased by 23.8% in the last 5 years (4,466).
- Reasons for the increase are population growth, addition of new leagues, expansion due to the acquisition of more ice time, demand, promotion and improved programs.
- 41% are 6-12 years of age. This represents almost half of the block user participants. The 13 to 17 and 18 to 54 age categories are quite even (27-29%).
- Seven of the block user groups are youth groups and eleven are adult groups; however, the youth groups tend to be larger.

  Hockey is the primary activity. Scarborough Hockey Association uses the most municipal prime time ice hours.
- Most of the block user groups use exclusively prime time ice, although the Board of Education uses more non prime time ice. Four hockey groups use some non prime time. Majority of non-ice time is used by lacrosse and ball hockey groups.
- Presently three quarters of the groups membership has increased or remained stable. Almost all groups are projecting that their membership will be stable or increase in the future.
- Several groups want to change their allocation of time (18%) or location (46%) because of dissatisfaction with the current time schedule or quality of facility.
- More than 19,000 ice hours per year are required to operate existing block user programs and activities.
- Facilities rated good to excellent overall were:
  - Mid Scarborough
  - Scarborough Village
  - Malvern
  - Scarborough Centennial
- Facilities rated fair to good overall were:
  - Commander Park
  - Agincourt
  - Clairlea
  - McGregor Park
  - Heron Park
  - Stephen Leacock
  - Scarborough Arena Gardens
- Concerns/improvements for the facilities included;
  - Inadequate or lack of change rooms and shower facilities,
  - Adjoining rink creates too much noise,
  - Poor ice quality and small ice rink size,
  - Poor spectator viewing and seating/benches,
  - Equipment inadequate or malfunctions, and
  - Cold temperatures.

- Approximately 82 hours per week or 2,062 additional hours per year are required to meet present program activity needs of block users. In addition MTHL also requested 875 prime time ice hours/year.

- An additional 150+ ice hours are required for future programs/activities. Special events such as tournaments, practice time and program expansion are group program needs which cannot be accommodated presently.

- A need for storage areas/rooms was indicated.

Occasional Users

- The majority of occasional user participants are males, 18 to 54 years of age.

- Occasional user membership has been relatively stable over the past 5 years. However 20% had increased memberships.

- Respondents utilize approximately 119 hours per week of ice time in all 10 arenas. Almost all of these hours were used for recreational and/or organized hockey.

- Facilities rated good to excellent overall were:
  - Commander Park
  - Mid Scarborough
  - Scarborough Village
  - Malvern
  - Stephen Leacock
  - Scarborough Centennial

- Facilities rated fair to good overall were:
  - Agincourt
  - Clairlea
  - McGregor Park
  - Heron Park

- Concerns/improvements for the facilities included;
  - Inadequate shower facilities or lack of,
  - Require larger change rooms and/or additional change room space,
  - Poor ice quality and small ice rink size,
  - Lack of maintenance/cleanliness, and
  - Rubber floor coverings required.

- The existing ice times allocated to the groups are not the preferred times indicated.

- More that 15% of the groups which use the facilities have indicated additional hours are required. Approximately 25 hours of ice time per week were requested.

- Reasons for additional time requirements are increased number of participants and playing time hours and need for more practice time.

- Special facility requirements are adequate shower and change room facilities as well as spectator seating, a weight room, meeting rooms, and social/banquet rooms.

- Lack of time or space available to non-league groups and the poor ice times are occasional users major issues.

5.0 Analysis of Future Arena Requirements

City Wide Arena Needs Study

City of Scarborough

LEISUREPLAN INTERNATIONAL INC.

5.0 ANALYSIS OF FUTURE ARENA REQUIREMENTS

The previous sections of the City-Wide Arena Needs Study have presented the data collected to date on arena facilities in Scarborough, arena users, utilization of arenas, trends in population demographics and arena activity participation, and requirements of existing users. In this section, the data is analyzed and the future requirements for arena facilities in Scarborough will be determined.

The analysis will entail two stages. First, the current level of demand will be established. This is the combination of both the current utilization of arena facilities and the existing unmet demand by users.

Once the current level of demand is established, future requirements will by determined. Future user needs, trends in activity participation and projected population levels will be used to calculate future requirements. Finally, issues related to facility characteristics, design, management and maintenance will be summarized.

5.1 Summary of Needs

In order to determine the need for municipal arena facilities in Scarborough, existing supply, facility utilization, existing unmet needs and future arena needs are identified. These are summarized in the following sections.

5.1.1 Available Municipal Arena Supply

The existing supply of arena facilities in Scarborough, operation, facility characteristics and hours of available facility time are summarized below.

- There are 10 municipal arenas providing 19 ice pads.
- The existing arenas are relatively old.
- Ice pad size, number of seats provided and related activity areas vary widely among arenas.
- Five arenas operate all year round with a 35 week winter ice season and a 17 week summer ice season. The ice season in the remaining arenas is generally 30 weeks (September 15th to April 15th).
- Generally, the hours of operation during the ice season are from 7:00 am to midnight on weekdays and midnight to midnight on weekends. The year round facilities ice time is 8:00 am to midnight on weekends during the summer season.
- The designation of prime time and non prime time is standard for all arenas.

- There is a total of 95,872 hours of ice-time provided per year in existing municipal arenas in Scarborough. A total of 80,640 ice hours are available during the winter season (84%) and 15,232 ice hours during the summer season (16%). Winter season prime time is 39,040 hours which accounts for 48.4% of total winter hours. Non prime time hours total 41,600 (51.6%) of total winter hours.

- In total, 47,472 hours of prime ice time is provided; 39,040 (82.2%) during the winter season and 8,432 (17.8%) in the summer season. In total, 48,400 hours of non prime ice time is provided; 41,600 (86%) during the winter season and 6,800 (14%) in the summer season. Prime time hours account for 49.5% and non prime time hours 50.5% of the overall total ice hours provided.

5.1.2 Current Arena Utilization

Current arena utilization is the percentage of prime and non prime time that the existing arena facilities are used. The current utilization of arenas is a key factor in estimating the future need for arena facilities.

- At least 36,801 prime ice time hours, 94% of all prime ice time in municipal arenas during the winter season is presently being used.

- At least 20% of all non prime ice time, 8,445 hours, in municipal arenas during the winter season is presently being used.

- At least 56% of total ice time in municipal arenas during the winter season is presently being used (45,246 hours).

5.1.3 Current Unmet Needs

Current unmet needs are the needs of user groups for additional facility time to meet their needs for existing programs and activities. The additional ice time requests reported in the Block and Occasional User Group Questionnaires are evaluated against participation trends, recent population growth and membership trends in the individual groups. These unmet needs are then compiled to provide an estimate of additional facility time required to meet existing needs.

The responding block and occasional user groups stated their existing unmet needs for prime time ice during the winter season. These stated needs were assessed based on the groups' recent membership/registration trends and the stated reason for the required ice time. The estimate of block and occasional user unmet need for prime ice time is summarized in Tables 5.1 and 5.2. Block users have indicated the need for an additional 57 prime ice hours per week, a total of 1,364 hours per winter ice season. Occasional users require 8.5 prime ice hours per week for a total of 655 hours per season (assuming a 30 week season) In total, 1,619 prime time ice hours during the winter ice season are required or 65.5 hours per week, for present programs/activities.

In addition to the needs of the existing user groups, there are two potential user groups who require ice time. These are MTHL and the Wexford Raiders Hockey Club. Due to the current policies of the Recreation and Parks Department, these two organizations do not have priority for use of ice time and therefore have not been incorporated in the analysis. However, if the policy changes, these groups could become large users of municipal ice time. For example, MTHL could use 35 hours per week of prime ice time or 910 hours per winter season. Wexford Raiders have indicated that they could use approximately 20 hours of practice time weekly, three hours per week for Junior B games, and practice and game time for eight minor teams.

Table 5.1

Summary of Block User Existing Winter Prime Time Ice Needs (Hours)

Name of Group	Existing Unmet Demand	
	Per Week	Per Season
Scarborough Ringette Association	2	48
Agincourt Church Hockey League	2	46
Scarborough Intermediate Hockey	40	900
Ontario Hydro Oldtimers Hockey	2	50
Adult Hockey School	4	140
Agincourt Lions Men's League	2	58
Scarboro Ladies Ringette	1	26
Scarborough Sabres Hockey Association	4	96
TOTAL	57	1,364

Table 5.2

Summary of Occasional User Existing Winter Prime Time Ice Needs (Hours)

Name of Group	Existing Unmet Demand	
	Per Week	Per ** Season
Agincourt Lions Peewee	1.0	30.0
Chinese Oldtimers Hockey	1.5	45.0
Saturday Night Ice	1.0	30.0
Lever Hockey Club	1.0	30.0
Bendale Bible Chapter	1.0	30.0
No Names	1.0	30.0
Sam Ferris	2.0	60.0
TOTAL	8.5	255.0

**Assuming a 30 week season.

There has been demand to use arenas during dry time for large trade shows, exhibitions, political rallies, tournaments and other special events. However the Scarborough Fire Department has indicated that arena buildings used for this purpose should have sprinkler systems. None of the municipal arenas have sprinkler systems and therefore cannot be used for special events such as trade shows.

5.1.4 Future Arena Needs

Up to this point, the data presented has related to current arena provision and demand. However, in order to project future needs for arena facilities, data on key factors are reviewed. The key factors involved in determining participation in arena activities are population growth, trends in participation in arena activities and future user group needs.

A. Population Growth

- The population of Scarborough increased from 443,353 to 484,676 between 1981 and 1986, an increase of 9.3%.

- Scarborough's population is projected to be 508,000 in 1991, 522,500 in 2001 and 517,400 in 2011.

  Population projections for Scarborough for the year 2001 range from 522,500 and 550,000. This means a total absolute population increase of between 37,824 and 65,324 people in the next 15 years (1986-2001).

- The proportion of young children (up to 9 years of age) in the population is expected to increase between 1986 and 2001. The proportion of youth (between 10 and 19 years of age) in the population is expected to decrease between 1986 and 2001.

- If population increases as projected, there will be between 37,000 and 65,000 additional residents, a percentage of which will participate in arena related activities. With a general aging of the population, an increase in adult participation in traditionally youth-oriented activities will be required to offset the decrease in the proportion of youth participants.

B. Trends in Participation

- Minor hockey is becoming less popular due to concerns about cost and safety. The proportion of youth participating in hockey is decreasing. In contrast, the number of adult hockey players is increasing. There is also an increase in the proportion of females and the ethnic community playing hockey.

- Participation in figure skating tends to fluctuate and its popularity tends to follow an Olympic cycle; participation tends to be higher in Olympic years.

- Ringette, ball hockey, lacrosse and broomball are increasing in popularity. Participants in broomball and ball hockey are primarily adults whereas lacrosse players are mainly 10 to 14 years of age. Lacrosse organizers are hoping to extend their playing season. Roller hockey is a relatively new sport in Ontario.

- Local trends identified in the Master Plan include:
  - Adult participation in recreational activities has increased in recent years which includes arena users.
  - Demand has increased for co-ed activities and programs.
  - Recreational ice skating is the most popular winter recreational activity. Hockey is not among the top five family activities nor is it one of the top three winter activities.

- Trends in registrations in the Scarborough Hockey Association appear to be mirroring Provincial trends. Registrations have decreased from 7,652 to 6,384 (19.8%) between the 1985-86 and 1989-90 seasons.

- Further trends identified through the analysis of the Block User and Occasional User Questionnaires include:
  - Number of participants in non-traditional, non contact recreational leagues (i.e. church hockey, intermediate hockey, ball hockey) are increasing
  - Presently the majority of groups have remained stable or increased participation and anticipate this for the future
  - Ball hockey, summer ice hockey, ringette and figure skating have shown membership increases - These tend to be adult-oriented organizations and youth organizations
  - Majority of groups use prime time ice time
  - The largest age group that uses ice time is 6 to 12 years
  - Hockey is the primary activity requiring ice time at Scarborough arenas

C. Future User Group Needs

Future user group needs are the needs of user groups for additional facility time to meet their future programs and activities needs. Projections of future ice time needs from the Block and Occasional User Group Questionnaires are evaluated against participation trends, population projections and membership trends in the individual groups. These unmet needs are then compiled to provide an estimate of additional facility time required to meet existing needs.

The responding block and occasional user groups identified their anticipated future prime time ice needs. Tables 5.3 and 5.4 summarize the identified future demand. The block users identify a need for 80.25 prime time ice hours per week or a total of 1,739.5 hours. The occasional users, assuming a 30 week ice season, require 8 hours per week or approximately 240 prime time winter ice hours. Overall, need for a total of 1,979.5 prime ice time for a winter season for future programs/activities is anticipated.

Table 5.3

Summary of Block User Future Winter Prime Time Ice Needs

Name of Group	Future Demand	
	Per Week	Per Season
Scarborough Ringette Association	6	12
Agincourt Church Hockey League	2	46
Agincourt Intermediate Hockey L.	10	270
Scarborough Intermediate Hockey	40	900
Ontario Hydro Oldtimers Hockey	1	25
Adult Hockey School	4	140
Scar. Malvern Hockey League	6	72
Scarborough Civic	1.25	32.5
Centennial College	2	36
Agincourt Lions Mens League	2	58
Scarboro Ladies Ringette	2	52
Scarborough Sabres Hockey Association	4	96
TOTAL	80.25	1,739.5

Table 5.4

Summary of Occasional User Future Winter Prime Time Ice Needs

Name of Group	Future Demand	
	Per Week	Per ** Season
Central Ontario Over 50s	1.0	30.0
Ice Hockey (S. Agosto)	2.0	60.0
Ice Hockey (Jack Palumbo)	5.0	150.0
TOTAL	8.0	240.0

**Assuming a 30 week season.

5.2 Analysis of Arena Requirements

The analysis of arena requirements entails two stages: the establishment of current requirements, and the projection of future requirements. In the following sections, the analysis method is described which will be used for the final estimate.

5.2.1 Current Arena Requirements

For the establishment of the current arena requirements, the current supply of arena facilities and their utilization are used as the baseline for the estimate. To this is applied the estimate of current unmet need for ice time. The resulting calculation will be an estimate of the current under or over supply of arena time in the City of Scarborough. Also resulting from this calculation is the required level of provision of arena facilities for the City.

Although there is a general standard for the provision of arena facilities in the Parks and Recreation Master Plan, this new estimate is based on more detailed information and therefore should be considered a refinement of the standard in the Master Plan. The following illustrates the method used to estimate current levels of provision:

Current Supply/Utilization + Existing Unmet Demand = *Current Over/Under Supply*
= *Current Level of Provision Required*

In Scarborough the supply of winter season prime ice time is 39,040 hours. According to the utilization analysis, utilization of the current supply of arenas is 94%. This utilization rate is due to a number of 15 and 30 minute time slots in prime time which are unutilized or used for maintenance purposes, low utilization at the Ice Galaxy from 11 pm to midnight (which cannot be used for other sports), and cancellations. Also, this utilization estimate does not take into account casual and last minute ice rentals. Taking these reasons into account, actual utilization is currently nearer to 100%. Based on the level of detail of the information available on ice use, the actual utilization cannot be estimated with any accuracy. Therefore, it will be assumed that current utilization is 100%.

Existing unmet demand is estimated at 1,364 hours per season for block users and 255 hours per season for occasional users. Total unmet demand, therefore, is 1,619 hours of prime time during the winter ice season or 4.1% of the existing supply.

The current level of provision of arena facilities in Scarborough is 19 ice pads for a population of 484,676. This is one ice pad for every 25,509 population. To calculate the required level of provision, the existing unmet ice time needs are added to the current supply. The unmet needs are for 1,619 hours of ice time; a single ice pad provides 1,920 hours of prime ice time per winter season. This results in a need for an additional 0.84 ice pads or a total required supply of 19.84 ice pads for a population of 484,676. Taking the unmet demand into account, the level of provision should be one ice pad per 24,425 population to meet existing needs.

As a result of this analysis, it can be concluded that an additional ice pad is required to meet current demand. If another ice pad were built, 84% of prime time could be utilized immediately.

5.2.2 Future Arena Requirements

Once the current level of provision has been established, the future demand for arena time will be estimated. Future demand is estimated by combining information on future user

group needs, trends in participation in arena activities and population projections. Estimates of arena requirements will be calculated for 1991, 2001 and 2011.

The following illustrates the method used to calculate future arena requirements:

Current Level of Provision Required+ Future Demand = Future Arena Requirements

Future demand for arena facilities is estimated at 1,739 hours per season for block users and 240 hours per season for occasional users over the next 3 years. Total future demand, therefore, is 1,979 hours of prime time during the winter ice season. The annual increase in demand in the future, therefore, will be approximately 660 hours of winter season prime ice time .

Future arena requirements can be established using the current level of provision required (1:24,425 as calculated in section 5.2.1) and population projections. This method of estimation assumes that participation rates in the future will remain constant and does not take into account the information on trends presented in this report. Therefore a method of incorporating trends data will also be used to project future arena requirements.

The research in this study on arena activity trends showed that participation rates in various activities are changing. Minor hockey participation is declining due to decreases in the proportion of children in the population and because of a decline in popularity of the sport. Adult hockey, however, is increasing in popularity, and the growing proportion of adults in the population is leading to increases in participation. Other trends include increases in the number of females playing hockey and ringette, and a trend toward non-competitive hockey and skill development. Although these general trends have been identified, the effect of trends on participation has not been quantified because of a lack of reliable data. One expression of trends in participation in arena activities is the data on the future ice time requirements by user groups. The future needs of the user groups surveyed reflect trends in participation in those activities.

The total winter season prime ice time requirements of user groups over the next 3 years is estimated at 1979.5 hours or 660 hours of ice time per year. By 1991, 660 additional hours of ice time will be required, and between 1991 and 2001, 3,300 additional hours of ice time will be required.

The results of the two methods of estimating arena requirements are summarized in Table 5.5. Based on the required level of provision established in section 5.2.1, an additional ice pad was required in 1986, another is required in 1991, and depending upon the population achieved in 2001, up to 2 ice pads could be required. If the 2001 population reaches 550,000 1 to 2 ice pads would be required. If the 2001 population reaches the lower estimate of 522,500, no additional arenas would be required.

The projected arena requirements based on user group trends indicate that demand would not be sufficient to support an additional ice pad in 1991; however, by 2001 two ice pads would be required. By 2011, another 1 to 2 ice pads would be required. This estimate does not consider the current under supply of ice time which was estimated in section 5.2.1.

Both estimation methods have arrived at the same projected arena requirements. One conclusion that can be made from this analysis is that, given the results of the trend-based projection, the assumption is correct that overall arena use trends will remain relatively constant with a slight overall increase in demand for arena time.

Timing of the required arena development varies between the two estimates, however, the standard-based projection should be used for implementation purposes because it will allow the actual timing of development of arena facilities to be monitored based on actual population growth.

Table 5.5

Summary of Future Arena Requirements

Year	Projected Population	Requirements According to Standard (1 ice pad per 24,425 population)		Requirements According to Future User Group Needs (660 additional hours of ice time per year)	
		Required level of provision (total # of ice pads)	# of additional ice pads	Additional hours of ice time required	# of additional ice pads
1986	484,676	19.8	1	n.a.	n.a.
1991	508,000	20.8	1	660	--
2001	low 522,500	21.4	--	3,300	2
	high 550,500	22.5	1 - 2		
2011	517,400	21.2	--	3,300	1 - 2
	TOTAL		3 - 4	7,200	3 - 4

5.2.3 Location of Arena Requirements

A locational analysis was performed to assess the distribution of arenas in Scarborough. For the purposes of this analysis, a service radius for arenas was assumed to be 2.4 kilometres. This is based on the maximum service radius for community facilities as suggested by Ontario Ministry of Tourism and Recreation in the report, *Guidelines for Developing Public Recreation Facility Standards*. The service radius was applied to each arena to highlight gaps in service and areas which are over serviced. Map 2 presents the results of this analysis.

The locational analysis shows that there are three areas which are under serviced by arena facilities according to service radius. These are:

1. Milliken and Steeles Communities - These two communities are completely outside of the service radius of the two nearest arenas, Commander Park and Stephen Leacock.

2. Birchcliff, Cliffside and Cliffcrest Communities - Nearly all of Birchcliff, approximately 75% of Cliffside and 70% of Cliffcrest Communities are not serviced by Scarborough municipal arenas. There is, however, a non-municipal arena, Scarboro Arena Gardens, located in this area.

3. Centennial, Highland Creek and Rouge Communities - All of the Rouge Community is outside of the service radius of Scarborough arenas. In addition, approximately 90% of Centennial and 70% of the Highland Creek Community are not serviced by arenas.

In addition, the area near Midland and Sheppard Avenues is over serviced. This area is serviced by three arenas (6 ice pads): Stephen Leacock, Agincourt and Commander Park.

This analysis is only concerned with the distribution of arenas, and identifies areas under served by arena facilities. It does not assess overall service levels by population or utilization by arena users. The service radii also are based on a standard distance from the facility and do not take into account terrain or transportation routes. Therefore the results of this analysis are used only to highlight priority areas for future arena development.

MAP 2
LOCATIONAL ANALYSIS

N

scale 0 1 KM 2 3

Legend

- Municipal Boundary
- Δ Double Pad Arena
- ○ Single Pad Arena
- ▲ Non- municipal Arena
- – – 2.4 KM Radius

1 Stephen Leacock
2 Agincourt
3 Commander Park
4 Malvern
5 Centennial
6 Mc Gregor Park
7 Clairlea
8 Mid Scarborough
9 Heron Park
10 Scarborough Village
11 Scarboro Arena Gardens

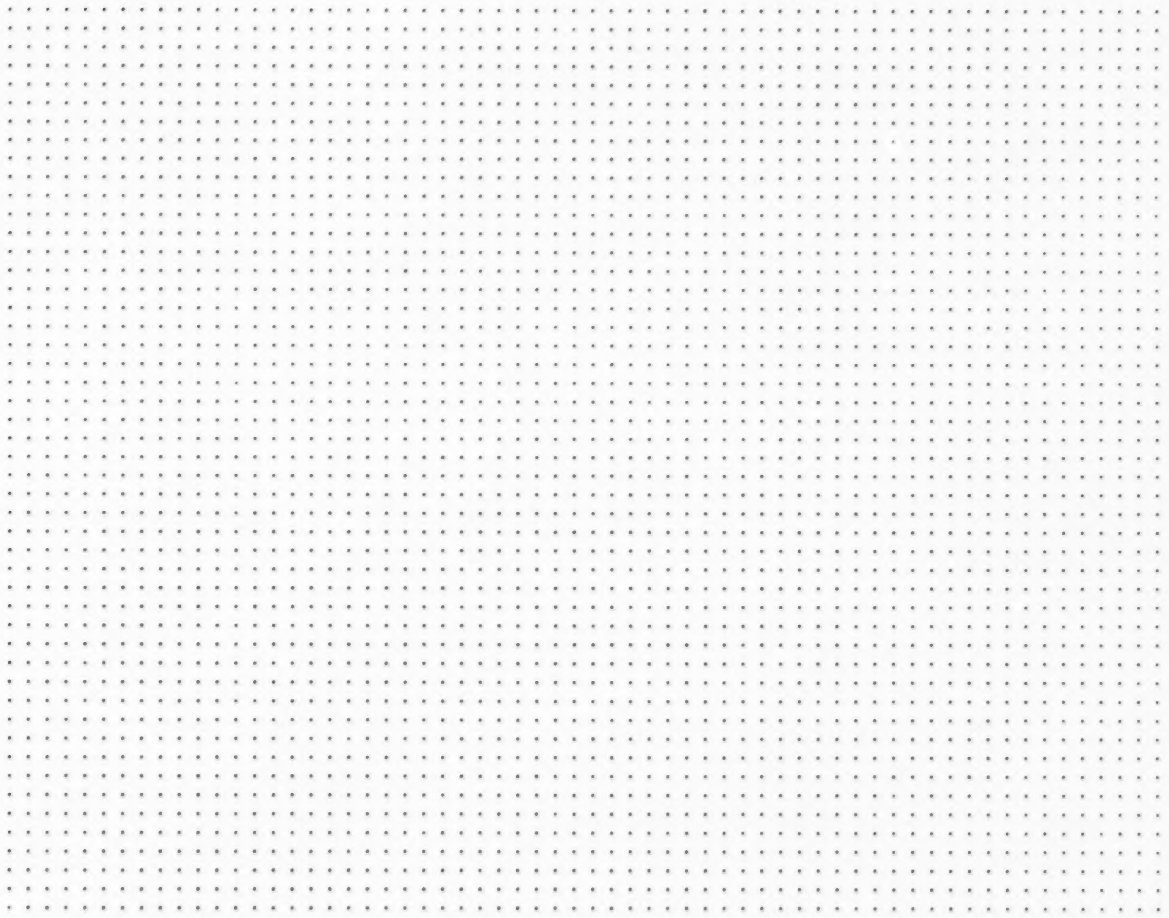
5.3 Facility Issues

The analysis of arena requirements provided an estimate of the future need for arena time. In addition to the quantity of arena facilities, it is important to identify qualitative aspects of arena demand. The following is a summary of facility-related issues and concerns which were identified during the public participation and data collection phases of the study.

- The most frequently mentioned issue for user groups is the number and size of changerooms in Scarborough arenas. This was an issue for both minor and adult user groups.
- One of the most frequently mentioned issues was the lack of shower facilities in existing arenas. This was mentioned particularly by adult user groups.
- A number of user groups specified additional facility requirements including spectator seating, a weight room, meeting rooms and banquet rooms.
- A number of adult hockey groups had concerns about the small ice rink surfaces were not adequate for adult play.
- Effective noise barriers between adjoining ice rinks due to the noise and disruption were also identified.
- Smaller user groups perceived that they received fewer hours and less desirable times than larger leagues.
- The major issue identified by City staff is related to the aging of arena facilities in Scarborough. Concern was expressed particularly for those arenas built in the 1950s and 1960s. These arenas include Heron Park, Agincourt, McGregor Park, Clairlea and Centennial (hockey) arenas.
- Access, parking facilities and the need for shower facilities were identified by City staff as issues.

6.0 Findings and Conclusions

City Wide Arena Needs Study



City of Scarborough

LEISUREPLAN INTERNATIONAL INC.

6.0 FINDINGS AND CONCLUSIONS

Throughout this study, a number of major findings and conclusions have been made. The following is a summary of those major findings and conclusions:

- The population in Scarborough is expected to grow considerably. Projections for the year 2001 range from 522,500 to 550,000. As a result, there will be between 37,000 and 65,000 new residents in Scarborough than in 1986. The characteristics of the population will be changing as well. There will be a larger proportion of adults and older adults in the population. Also there will be a larger proportion of younger children (under 4 years of age) but fewer older children and teenagers in the population. Planning and design of arenas in the future must, therefore, take this into account.

- A number of trends in participation in arena activities have been identified. Minor hockey is decreasing in popularity while adult hockey is increasing in popularity. This trend is evident in Scarborough where registrations for Scarborough Minor Hockey are declining. On the other hand, other non traditional youth activities appear to be increasing, e.g. intermediate hockey, church hockey, broomball, and girls hockey. The analysis in this report showed that overall, taking into account the above trends in individual activities, demand for arena time will be relatively constant and increase slightly. The major increase in demand for ice time will be through population growth.

- Overall utilization of Scarborough Arenas in the winter season was 56%. Non prime time utilization was 20% and prime time utilization was 94%, according to schedules provided by the Recreation and Parks Department. However, other information leads to the conclusion that effective utilization of the arenas in prime time in the winter season is close to 100%. The unutilized ice time is due to small unusable 15 minute segments between major bookings, time used for maintenance and lower utilization between 11 pm and midnight at the Ice Galaxy. In addition, casual and last minute rentals are not included in the available data, and some of the "unutilized" ice time is rented.

- Current needs for prime ice time which are not being met are 57 hours per week for block users and 8.5 hours per week for occasional users. This totals 65.5 hours of prime time per week or 1,619 hours per winter season. This is the prime ice time required by user groups to operate programs and activities to meet existing demand. As a result of this analysis, it was concluded that another ice pad is required to meet current demand. If another ice pad were built, 84% of prime time could be utilized immediately.

- Based on the analysis of current arena needs, the standard of provision for arenas should be 1 ice pad per 24,425.

- In the future, additional arenas will be required to meet the demand created by population growth in the City. The following are arena requirements in the future:

  - one additional arena by 1991
  - one to two arenas by 2001 if the population reaches approximately 537,000
  - no additional arenas required after 2001 due to decrease in population

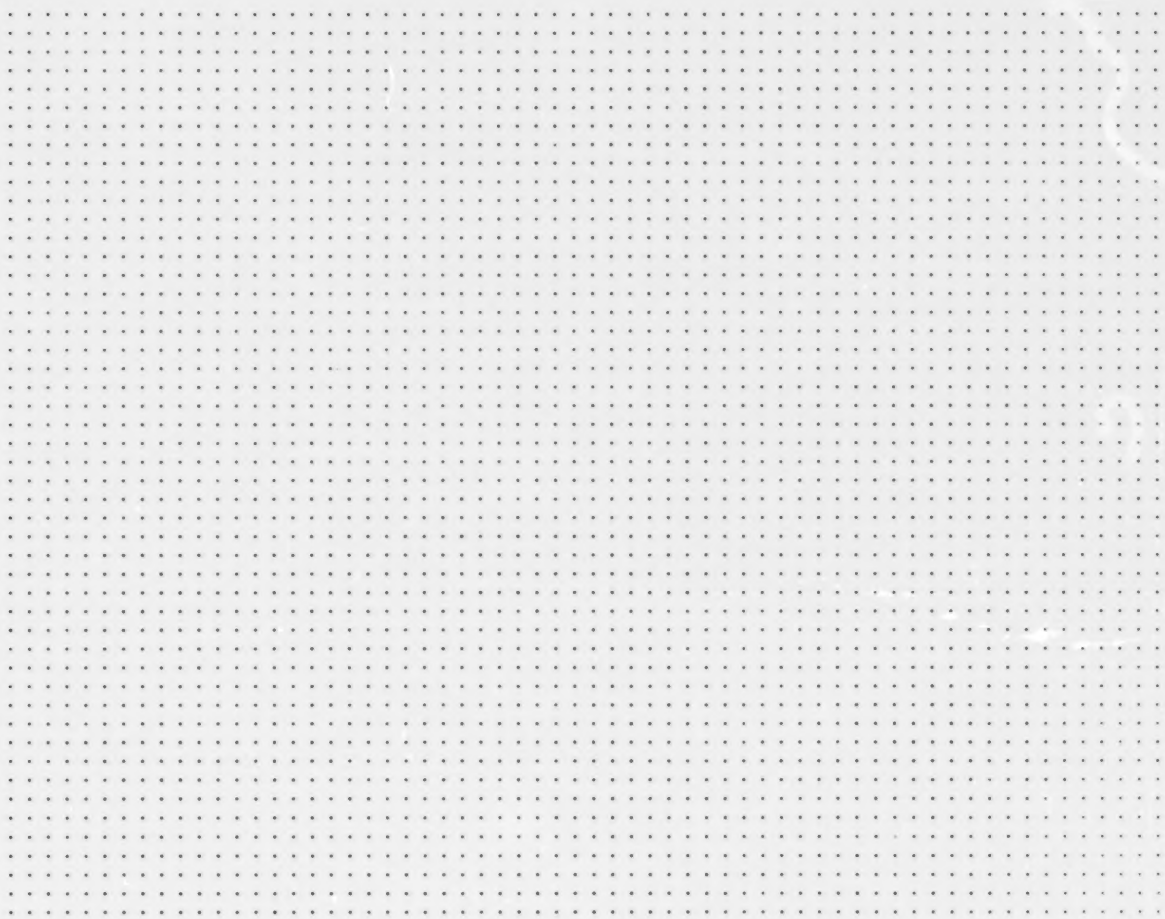
- Priority areas for development of municipal arenas in the future were identified. When new arena facilities are developed, these areas should be considered for the location to ensure that all areas of the City are serviced. The priority areas are:

  - Centennial and Highland Creek area
  - Birchcliff area
  - Milliken and Steeles area

- In order to meet the needs of future arena users (i.e. more adults, more variety in types of leagues, programs), a number of characteristics of arena facilities should be considered. Changerooms should be sized to accommodate both youth and adult teams. As a result, changerooms in existing facilities may need to be upgraded to meet these requirements. Showers should be included as part of changeroom facilities. Also, the Recreation and Parks Department should assign user groups to arenas of appropriate size, taking into account both size of the ice surface and size of changerooms.

7.0 Appendices

City Wide Arena Needs Study



City of Scarborough

LEISUREPLAN INTERNATIONAL INC.

CITY OF SCARBOROUGH
ARENA NEEDS STUDY
QUESTIONNAIRE

Scarborough Parks and Recreation Department has initiated a city wide arena activity needs assessment study. One task of the study involves the identification and assessment of present and future arena programs/activities offered by community groups and organizations in Scarborough. This questionnaire has been designed to solicit information from groups to assist with this task. As a representative of your group/organization, please complete each question to the best of your ability and return the completed questionnaire at your earliest convenience before December 22nd, 1989 to;

Mr. Stan Walton,
Recreation Planning Co-ordinator
Recreation & Parks Department
City of Scarborough
150 Borough Drive
Scarborough, Ontario M1P 4N7

If you have any questions please feel free to contact Stan Walton at the Parks & Recreation Department at 396-7080.

Thank you for your assistance

****

Name of Group/Organization: _____

Contact Person: _____

Telephone: (Home) _____ (Business) _____

1. How long has your group/organization been established? (Please check one)

less than 1 year ____
1 - 5 years ____
6 - 10 years ____
greater than 10 years ____

2.A) Please list the total number of male and female participants/members in your group/organization during the past five years. (if applicable)

Year	Total Number of Participants/Members	
	Male	Female
1989		
1988		
1987		
1986		
1985		

2.B) Please explain the reasons for any changes in the number of participants/members in your group/organization during this time period.

_____

_____

_____

_____

3. What percentage of your participants/members are in the following age groups? (Please use most recent operating season)

Age Group	% of Total
0 - 5	
6 - 12	
13 - 17	
18 - 54	
55 +	
Total	100 %

4. For your present arena programs / activities:

A) What percentage (%) of your total ICE time hours is Prime time and Non-Prime time?

B) What percentage (%) of your total NON-ICE (dry) time hours is Prime time and Non-Prime Time?

Program / Activity Hours	Arena with Ice	Arena with No Ice
Total % of Prime Time:		
Total % of Non-Prime Time:		
	Total 100%	Total 100%

5. **Present Programs/Activities and Facility Use**

The following chart seeks information on the present programs and activities you operate in the City of Scarborough arenas (private or municipal). Please complete to the best of your ability.

5. A)

Please list the ARENA programs/activities you provide in the City of Scarborough .	Total # of participants in this program/ activity per year.	% of participants who are Scarborough residents.	Arena(s) used for this program/activity.	How would you rate the suitability of this facility for this program/activity. (√)				ICE TIME Total # of Hours each week for program/activity.			Total # of weeks per season.	NON-ICE (DRY)TIME Total # of Hours each week for program/activity.			Total # of weeks per season.	In the next 3 years do you expect the # of program participants to increase, decrease or stay the same. (√)		
				Excellent	Good	Fair*	Poor*	Prime Time	Non-Prime Time	Total		Prime Time	Non-Prime Time	Total		Increase	Decrease	Stay the same

5.B) If you rated a facility, above, as fair or poor please state the reason(s) why and the improvement required.

Arena	Reason(s) and Improvement Required

6.A) If the present arena hours you have been allocated are not the preferred times or location for your present programs/activities please identify the preferred time(s) or location.

Program/Activity	Present Time of Program/Activity	Preferred Time of Program/Activity	Preferred Location

B) Please explain your reasons for the preferred time(s) and location.

_____

_____

_____

7. If you require additional ICE time to accommodate existing programs/activities, please complete the chart below.

Program Activity	Total Additional hours Required per Week:		# of Program Weeks	Reasons for Additional Hours
	Prime Time	Non-Prime Time		

8. If you require additional NON-ICE (DRY) time to accommodate existing programs/activities, please complete the chart below.

Program/Activity	Total Additional hours Required per Week:		# of Program Weeks	Reasons for Additional Hours
	Prime Time	Non-Prime Time		

9. If you require additional ice time or non-ice time to meet projected future demand for your program/activities how many hours are required?

Program/Activity	Additional Ice Time Hours	Additional Non-Ice Time Hours

10. Please list any special facility requirements (ie. seating, storage, p.a. system, weight room) or locational considerations your group/organization requires for your programs/activities. (if any)

Program/Activity	Facility / Location Requirements

11. Please list the facility rental fee for each private arena (non-municipal) your group uses. Please list the major reasons why your group uses this arena.

Arena	Cost per hour ($) to use the facility		Reason(s) why your group/organization uses this arena
	Prime Time	Non Prime Time	

12. Please list the arena programs/activities your group/organization operates outside of the City of Scarborough, which would be more suitably provided in Scarborough municipal arenas. For each program/activity identified please list the number of hours required.

Programs/Activities	Total No. of Hours Required	
	Prime Time	Non - Prime Time

13. If a suitable municipal arena was made available to your group/organization in Birchmount Park, please list:

i) The programs/activities your group would relocate to this municipal facility in Birchmount Park.
ii) The new programs/activities your group would develop to locate in the Birchmount Park facility.
iii) For each program/activity, please list the reasons why your group would relocate or develop new programs at this location.

Relocated Programs/Activities	New Programs/Activities	Reasons Why

14. Please identify any arena special events your group/organization wants to incorporate but cannot due to lack of facility time etc. and explain the specific requirements.

_____

_____

_____

_____

_____

_____

15. Please list any other issues or problems your group/organization has related to the arenas in Scarborough. If you require additional space please use the back page.

_____

_____

_____

_____

_____

Thank you for completing this questionnaire. The results of the completed questionnaires will be incorporated into this study.

CITY OF SCARBOROUGH
ARENA NEEDS STUDY
OCCASIONAL USER QUESTIONNAIRE

Scarborough Parks and Recreation Department has initiated a city wide arena activity needs assessment study. One task of the study involves the identification and assessment of present and future arena programs/activities offered by community groups and organizations in Scarborough. This questionnaire has been designed to solicit information from groups to assist with this task. As a representative of your group/organization, please complete each question to the best of your ability and return the completed questionnaire at your earliest convenience before December 22nd, 1989 to;

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Thank you for your assistance

****

Name of Group/Organization: _____

Contact Person: _____

Telephone: (Home) _____ (Business) _____

1.A) Please list the total number of male and female participants/members in your group/organization.

Male _____
Female _____
Total _____

B) Has the total number of participants/members in your group/organization increased, decreased, fluctuated or stayed the same in the past five years (1984) and by how much?

Increased by: _____ Fluctuated (√) ____
Decreased by: _____ Stayed the Same (√) ____

2. What percentage of your participants/members are in the following age groups? (Please use most recent operating season)

Age Group	% of Total
0 - 5	
6 - 12	
13 - 17	
18 - 54	
55 +	
Total	100 %

3. **Present Programs / Activities and Facility Use**

The following chart seeks information on the present programs and activities you operate in the City of Scarborough arenas (private or municipal). Please complete to the best of your ability.

Please list the arena programs / activities you provide in the City of Scarborough.	Time of Program/ Activity. (day/month/date)	Hours of Program / Activity.	Arena Used for this Program / Activity.	How would you rate the suitability of this facility for this program/activity.(√)				Total # of participants in this program/ activity per year.	% of participants who are Scarborough residents.	Total # of hours for each program/activity.	
				Excellent	Good	Fair*	Poor*			With Ice	No Ice

**

b) If you rated a facility, above, as fair or poor please state the reason(s) why and the improvement required. (Please use the back page, if necessary)

Arena	Reason(s) and Improvement Required
_____	_____
_____	_____
_____	_____

4. If the present arena hours you have been allocated are not the preferred times or location for your present programs/activities please identify the preferred time(s) and explain the reason why.

Program/ Activity	Present Time (day/month/ date/hours)	Preferred Time (day/month/ date/hours)	Preferred Location (if any)	Reasons Why

5. If you require additional facility time for present or future programs/activities in the City of Scarborough, please complete the chart below and indicate prime time or non-prime time.

Present Program/ Activity	Future Present Time Activities	Time and Total Hours Required		Preferred Location (if any)	Reasons Why
		Ice	Non-Ice		

6. Please list any special facility requirements (ie. seating, storage, p.a. system, weight room) or locational considerations your group/organization requires for your programs/activities (if any).

_____

_____

_____

7. Please list any other issues or problems your organization/group has related to the arenas in Scarborough. If you require more space please use the back of the page.

_____

_____

_____

Thank you for competing this questionnaire. The results of the completed questionnaires will be incorporated into this study.

CITY OF SCARBOROUGH BLOCK USERS

ORD	ORGANIZATION	NAME	ADDRESS	CITY	POSTAL
1	Agincourt Candians Hockey Association	NORWOOD J.	19 Hughey Crescent	Scarboro	M1K 2V3
2	Agincourt Church League	ROSE Wilf	24 Belinda Square	Scarboro	M1W 3M2
3	Agincourt Intermediate Hockey League	CRYAN J.	Hillman Drive	Ajax	L1S 6Y1
4	Agincourt Lions Hockey Association	COOPER D.	24 Dibgate Blvd	Scarboro	M1S 2W8
5	Agincourt Lions Oldtimers	PINDER Bill	3 Lejune Road	Agincourt	M1T 2S6
6	Canadian Oldtimers Hockey Assoc	GIROUX Peter	1600 James Naismith Dr	Gloucest	K1B 5N4
7	Cedar Hill Minor Hockey Association	ABDEE J.	33 Creekwood Dr	West Hill	M1E 4L6
8	Centennial College	CLARKE Paul	P.O. Box 631, Station A	Scarboro	M1K 5E9
9	City Wide Hockey League	BOYD Al	72 Chandler Drive	Scarboro	M1G 1Z3
10	Malvern Oldtimer Hockey	PENNY Dave	3 Howell Square	Scarboro	M1B 1C3
11	Metropolitan Toronto Hockey League	MCNAMARA Paul	1415 Lawrence Ave W	Toronto	M6L 1A9
12	North East Hockey League	MOFFAT Earl	9 Lighthall Cres	Scarboro	M1B 1V4
13	Ontario Adult Hockey School	PEARCE Owen	358 Decimac Place	Scarboro	M1C 2V1
14	Ontario Hydro	MCVEIGH Bob	82 Mossbrook Cres	Scarboro	M1W 2W9
15	Scarboro Civic Hockey League	WARREN Peter	45 Enniscrare Place	Whitby	L1R 1R9
16	Scarboro College	PALLANDI T.	1265 Military Trail	Scarboro	M1C 3H1
17	Scarboro East Ball Hockey League	WILSON Kelly	Heron Park Arena	Scarboro	M1E 3V4
18	Scarboro Figure Skating Club	COTTER Paul	1967 Ellesmere Road	Scarboro	M1H 2W5
19	Scarboro Inter Company Hockey	LYNCH M.	140 Milner Rd Unit 4	Scarboro	M1S 3R3
20	Scarboro Intermediate Ball Hockey League	KEATS Jerome	3015 Kennedy Road	Scarboro	M1T 3H1
21	Scarboro Intermediate Jockey League	KEATS Jerome	3015 Kennedy Road	Scarboro	M1T 3H1
22	Scarboro Lacrosse	BIVON J.	628 Pharmacy Avenue	Scarboro	M1L 2H2
23	Scarboro Ladies Ringette Assoc	WILSON Ann	245 Port Union Rd	Scarboro	M1C 2L2
24	Scarboro Men's Ball Hockey League	BIRD Al	1857 Cricket Lane	Pickering	L1V 3J2
25	Scarboro Men's Sports & Rec Club	DOIDGE Bruce	11 Bellemeade Lane	Willowdale	M2H 1X1
26	Scarboro Oldtimers Hockey League	FLOOD Ron	27 Birdsilver Gardens	Scarboro	M1C 4M3
27	Scarboro Secondary School Athletic Assoc	ROWAN S.	40 Borough Drive	Scarboro	M1P 4N6
28	Scarboro Young Bruins	SPICER Al	207 Three Valleys	Don Mills	M3A 3L7
29	Scarborough City Cougars Hockey Association	FRANCIS M.	45 Silver Springs Blvd	#106 Scar	M1V 1R2
30	Scarborough Girls Hockey Association	BASS C.	17 Linton Ave	Scarboro	M1N 1M5
31	Scarborough Hockey ASsociation	MONTGOMERY Don	106 Canlish Rd	Scarboro	M1P 1S9
32	Scarborough Malvern Hockey Association	SUTTON G.	4727 Sheppard Ave. E	#304 Scar	M1S 5B3
33	Scarborough Ringette Association	DAVIES R.	85 Pebble Hill Square	Scarboro	M1S 2P8
34	Scarborough Sabres Hockey Association	HALLIHAN L.	1021 Midland Ave #7	Scarboro	M1K 4G7
35	Skates Edge Hockey School	PRITCHARD Mike	27 Choiceland Blvd	Scarboro	M1C 4X4
36	West Hill Minor Hockey Association	MACHIDA G.	434 Military Trail	Scarboro	M1E 5A9
37	Wexford Hockey Association	BROWN R.	25 Lynvalley Cres	Scarboro	M1R 2V1

CITY OF SCARBOROUGH OCCASIONAL ICE USERS

AGOSTA Sebastian	82 Surrey Av	Scarboro	M1R 1C1
AIM Ed	50 Cranbrooke Av	Toronto	M5M 1M4
ALLEN Gord	19 Boyce Ave	Scarboro	M1J 1K4
ANDREWS Lorne	2423 Kennedy Road	Agincourt	M1T 3H2
ARMSTRONG Mike	23 Kennett Dr	Whitby	L1T 1L5
ARNOTT Colin	38 Dogwood Cr	Scarboro	M1P 3N6
AUCOIN Gerry	3 Biggin Ct.#103	Scarboro	M4A 1M1
BABA Douglas	19 Bradley Av	Toronto	M6S 2M9
BAIGENT Al	127 Victoria Pk Av	Toronto	M4E 3S2
BAKER Brian	4 Valleycrest Av	Markham	L3P 1H7
BALDWIN Paul	244 Eglington Ave E.	Toronto	M4P 2K2
BANNISTER George	40 Dartmoor Dr	Scarboro	M1E 5B2
BARNES Jim	2675 Kingston Rd	Scarboro	M1M 1M2
BARNETT A.	152 Trothen Circle	Markham	L3P 4H7
BARRON Paul	1850 Shadybrook Dr	Pickering	L1V 3A5
BAVARO F.	217 Strathmore Blvd.	Toronto	M4J 1P4
BAYFORD Dave	71 Harewood Ave	Scarboro	M1M 2R4
BEATON John	8 Flintridge Rd	Scarboro	M1P 1C1
BEATON Kevin	91 Highview	Scarboro	M1N 2H6
BEER Rick	1088 Normand Cres	Oshawa	L1H 7X1
BELLISSIMO Vince	2675 Kingston Rd	Scarboro	M1M 1M2
BEST Norm	1979 Woodview Ave	Pickering	L1V 1L5
BILLING Dorian	531 Broadgreen St	Pickering	L1W 3E8
BLACK Barry	10 Tempo Ave	N. York	M2N 2H8
BLAKE A.	1230 Random St.#30	Pickering	L1W 3R8
BOONE B.	14 Medford Avenue	Scarboro	M1L 4G2
BORSHOVAU Nick	5 Everglade Drive	Toronto	M6L 1J1
BOSTON Steve	38 Keewatin Av	Toronto	M4P 1Z8
BOWEN Joe	2 Clydesdale Rd	Markham	L3R 3S9
BOWER David	87 Acheson Blvd.	West Hill	M1C 3C4
BRADLEY David	145 Sparks Avenue	Willowdale	M2H 2S5
BRAILSFORD Harry	1881 Eglinton Ave	Scarboro	M4A 1J6
BROCHER Mike	2661 Kingston Rd	Scarboro	M1M 1M3
BROWN Dan	1911 Kennedy Rd	Toronto	M1P 2L9
BROWN Frank	West Hill Collegiate	Scarboro	M1E 3G3
BROWN Jim	1371 Anton Square	Pickering	L1V 5T4
BROWN Ron	26 Munford Cres	Toronto	M4B 1C1
Brownrigg Peter	821 Kennedy Rd #509	Scarboro	M1K 2E5
BRUNI Mike	49 Victoria Av	Unionville	L3R 1S1
BURKETT Kevin	96 Sutherland Dr	E. York	M4G 1H7
BURLATSCHENICO A.	14 Coronation Dr	Scarboro	M1E 2H2
BURNELL Lee	45 Tudor Av	Ajax	L1S 2A2
BURSEY Dean	6705 Sheppard Ave E.	Scarboro	M1B 3C1
BUTERIA Sam	3 Roscoe Rd	Scarboro	M1B 2S9
BYRNES David	118 Scarboro Cres	Scarboro	M1M 2J4
CARROLL Mike	275 Manse Rd	Scarboro	M1E 4X7
CAUTHERS Gary	1051 Ellesmere Rd	Scarboro	M1P 2X1
CERQUA A.	34 Amberly Dr	Scarboro	M1R 4K3
CERQUA Dominic	54 Delbert Dr	Scarboro	M1P 1X5
CHAPIN Warren	10 Chichester Pl #1203	Scarboro	M1T 1G5
CHILDS Bill	72 Bellgreen Av	Scarboro	M1S 1G6
CHIN Terry	29 Wellington Av	Toronto	M4C 2M7
CHURLY S.	12 Garrison Sq	Brampton	L6S 2H3
CIVELLO J.	680 Annland St	Pickering	L1W 1B2
CLANCY John	22 Acreheights	Scarboro	M1H 2N9
COLANGELO Tony	94 Captain Francis Dr	Unionville	L3R 1G9

CONNELLY Russell	2358 Midland Av	Scarboro	M1S 1P8
CONNOLLY Don	15 Bideford Av S#505	Toronto	M5M 4C2
CONNOLLY Frank	4 Tivoli Ct	Scarboro	M1E 2A4
CORLETT Brent	147 Riverdale Ave	Toronto	M4K 1C2
CORNACCHIA Sam	23 Wellpard Blvd	Scarboro	M1V 1B5
CORNISH Brian	141 Overture Rd	Scarboro	M1E 2W5
COWDY Jim	62 Colonel Danforth Tr	West Hill	M1C 1E1
COX G.	29 Lesterwood Ct	Scarboro	M1P 3L5
CUNNINGTON Robert	66 Eden Mills Drive	Scarboro	M1E 4L2
Daniels Doug	5 Crandall Dr	Scarboro	M1P 3L5
DAVIDSON Richard	7 Southlawn Drive	Scarboro	M1H 2Z2
DAVIS Ken	70 Tivoli Court	Scarboro	M1E 2A4
DAVIS Richard	1852 Bowler Dr	Pickering	L1V 3E4
DAWES Dennis	33 Cliffside Dr	Scarboro	M1N 1K9
DE BAERMAEKER Glen	92 Cleta Dr	Scarboro	M1K 2G7
DEASLEY Dave	39 Estate Drive	Scarboro	M1H 2Z2
DENNIS Greg	22 Fernwood Pk Av #2	Toronto	M1N 3G1
DEWOLFE D.	27 Catalina Dr	Scarboro	M1M 1K5
DIXON G.	9 Henry Corson Dr	Markham	L3P 3E8
DOWNING R.	169 Woodfield Rd	Toronto	M4L 2W8
DOYLE J.	215 Ranleigh Av	Toronto	M1H 1X3
DUCAN Tom	1352 Anton Sq	Pickering	L1V 5T8
DUFTON George	112 George Henry Bv#53	Scarboro	M2J 1E7
DUNCAN Tom	1352 Anton Sq.	Pickering	L1V 5T8
DYER Dan	101 Burgess Av	Toronto	M4E 1X2
EARLE Gary	21 Overlord Cres	Scarboro	M1B 4P6
EARLE Tony	131 Minerva Av	Scarboro	M1M 1W1
EHTERINGTON Paul	1363 Anton Square	Pickering	L1V 5T4
EID Maher	2266 Brimley Rd	Scarboro	M1S 2B6
ENG Leslie	82 Main St	Toronto	M4E 2V7
EVERY Ken	1973 Victoria Pk. Ut.4	Scarboro	M1K 1V1
FARLEY Frank	28 Hutcherson Sq	Scarboro	M1B 2X3
FAUSTINO Tony	76 Deerfield Rd	Scarboro	M1K 4X3
FEDIASK Barry	131 Park St	Scarboro	M1N 2P4
FEDY Warren	155 Hiscock Blvd	Scarboro	M1G 1T8
FEORUCCI Franco	4 Fairglen Av	Scarboro	M1T 1G7
FERRIS Sam	38 Chartland Blvd	Agincourt	M1S 2R4
FISHER Roy	17 Lauderdale Dr	Willowdale	M2L 2A8
FITZPATRICK J.	48 Furnival Rd	Toronto	M4B 1W3
FLOROS Jim	140 Frank Rivers Dr.	Scarboro	M1W 3N4
FONG Gary	50 Cobham Cres	Toronto	M4A 1V6
FOOTE Clarence	11 Antrim Cres Apt.308	Scarboro	M1P 4T9
FOSTOR Ed	P.O. Box 362	Pontypool	L0A 1K0
FRANCEY Ron	1997 Kennedy Rd	Scarboro	M1P 2M3
FRANCISCO Tong	75 Fieldside Drive	Agincourt	M1Z 3C4
FRIEND L.	10 Maberlay Cres	Scarboro	M1C 3K8
FUTA Dan	392 Mance Rd	Scarboro	M1E 3V6
GALE Ed	2780 St. Clair Av. E.	Scarboro	M1M 1T7
GALE Ed	900 Glen St #312	Oshawa	L1J 5Z5
GALLAGHER Pat	220 Brenyon Way Ut#23	Scarboro	M1B 3G2
GALLAGHER Tim	290 Jones Avenue	Toronto	M4M 3A6
GARDNER	23 Eileen Av	Toronto	M6N 1V5
GIORDAN Loris	80 Auralea Blvd	Weston	M9M 1K5
GLENNY Chris	3 Yorkshire Road	Scarboro	M1K 3B5
GOLFETTO Tom	9 Dunbar Rd	Toronto	M4W 2X5
GORDON Dave	1801 Brimley Rd	Scarboro	M1P 3H3

GOUGEON Yves	3 Glamorgan Av #107	Scarboro	M1P 4N9
GOURLEY Dave	11-12 Oakburn Cres	Willowdale	M2N 2T4
GOWAN Terry	26 Barnes Cres	Scarboro	M1G 1Z9
GRAHAM Gary	105 Daneils Cres	Ajax	L1T 1Y9
GRAHAM Mike	104 Moorehouse Dr	Scarboro	M1V 2E1
GRAHAM Paul	40 Carabob #809	Scarboro	M1T 3N3
GRAHAM Rick	21 Hartsville Ave	West Hill	M1C 3K3
GRANDE Emillio	246 Edenbridge dr	Etobicoke	M9A 3H3
GRANT Carrie	48 Deepdale Dr	Scarboro	M1S 2W5
GRAY Denny	3001 Markham Rd UT.22	Scarboro	M1X 1L6
GRAY M.	28-2404 Queen St	Toronto	M1N 1H2
GREIG George	35 McClure Cres	Agincourt	M1B 1JS
GRIGG Norm	84 Glen Davis	Scarboro	M4E 1X5
GRIMALDI Leo	157 Fairglen Ave	Scarboro	M1W 1A9
HACKETT Chris	2 Meadowglen Place	Scarboro	M1G 2V6
HALASZ Robert	6 Antrim Crescent	Scarboro	M1P 4T1
HALES David	1955 Lydia Cr.	Pickering	L1V 5L2
HARDING vern	26 Goodwood	Scarboro	M1C 3X1
HARPER T.	5 Grandhall Crt	Scarboro	M1C 3N6
HEINTZMAN Kent	7 Citation Dr	Willowdale	M2K 1S5
HEWLETT J.	4 Treewood St.#201	Scarboro	M1P 3J4
HINTON Frank	155 Dollyvarden Blvd	Scarboro	M1H 2K8
HOBSON Mark	1072 Benton Cr	Pickering	L1X 1N1
HOLLINGSHEAD Scott	140 Eastwood Av	Scarboro	M1N 3H3
HOPKINS Steve	2 Treewood St.#306	Scarboro	M1P 3J3
HORWOOD Joe	350 Morningside Av	Scarboro	M1B 2L2
HOWDEN B.B.	1510 Birchmount Rd#1	Port Perry	M1G 2P7
HUDSON Kal.	84 Hutcherson Sq	Scarboro	M1B 1C6
HUFF Norm	45 Trudelle St. #103	Scarboro	M1J 1Z6
HUFSKY John	1570 Midland Av Ut.#7	Scarboro	M1P 3C3
HUGHES John	126 Clappison Blvd	West Hill	M1C 2H2
HUGHES Skip	101 Ellington Dr	Scarboro	M1R 3Y2
HUMPHREY Tery	107 Midwest Rd	Scarboro	M1P 3A9
HUNTER Tony	29 Longwater Place	Unionville	L3R 4A4
HURST Jim	246 Bristol Rd	Newmarket	L3Y 7X7
HUTTON Kevin	215 Bellamy Rd	Scarboro	M1J 2L7
IBSEN Rick	70 Newmarket Ave	Toronto	M4C 1V9
INKPEN Roger	7 Castle Hill Dr	Scarboro	M1T 2Y2
IWASIN M.	52 Budworth Dr	Scarboro	M1E 3H9
JANSEN Rene	20 Davisdowns Place	West Hill	M1E 3L4
JONES Gord	65 Brinloor Blvd	Scarboro	M1N 1L4
JONES Les	34 Hepscott Terrace	Agincourt	M1W 1E1
JONES Tom	190 Bullock Dr #5	Markham	L3P 1W2
KALUSEK Ron	75 Fitzgibben Av	Scarboro	M1K 4A1
KANEKO Dave	2 Biltmore Court	Scarboro	M1J 1Y4
KARSTULOVICH Euro	7 Fitzgerald Dr	Ajax	L1S 4V9
KEEN Bill	4185 Sunflower Dr	Mississauga	L5L 2L4
KILLIN Tom	825 Milner Av	Scarboro	M1B 3C3
KINDREE Rod	43 Snapdragon	Scarboro	M2J 2X5
KIRKNESS Dan	614 Erwin Cres	Newmarket	L3Y 4Z9
KIRKNESS Len	100 Rowena Dr.#802	Scarboro	M3A 1R1
KOLE Peter	80 Sheppard Ave. E.	Toronto	M2N 6E8
KRASNEWYCH John	64 Copping Road	Scarboro	M1G 3J4
KRUGER Jeff	19 Derbyshire Pl	Scarboro	M1B 2N9
KUCZUK Walter	35 Baker Rd	Ajax	L1S 2T7
LAFAY Ken	245 Manse Rd #88	West Hill	M1E 4X7

LAMANNA John	28 Hollingworth Dr	Scarboro	M1P 1E2
LANG Gary	383 Rouge Highland Dr	West Hill	M1C 2V6
LAPPALME Moe	285 Yorkland Blvd	Willowdale	M2J 1S5
LAVERY Dave	625 Beckworth Sq	Pickering	L1V 3X3
LAW Bob	56 Queensdale Ave	Toronto	M4J 1X9
LAWRENCE Linda	4 Lancing Sq Ste#201	N.York	M2S 1T1
LEATHAM Bill	601 Milner Ave	Scarboro	M1B 1M8
LEE David	16 Timgren Dr	Scarboro	M1R 3R5
LEE Les	15 Barnes Cres	Scarboro	M1G 1Z8
LENA Joe	1647 Portland Crt	Pickering	L1V 5L7
LESTER John	53 Moorecroft Cr.	Scarboro	M1K 3T5
LEWANDOWSKI Harry	3 Miramar Cres	Scarboro	M1J 1R3
LIGAS R.	1 Red Deer Av	Scarboro	M1M 2Y6
LINAUSKAS Al	4 Auburn Ave	Toronto	M6H 2L7
LISTER Brian	5400 Lawrence Av.E.	Scarboro	M1C 2C6
LITTLEJOHN Peter	42 Clark Rd	Ajax	L1S 3B6
LOCKERBIE G.	17 Beachdale Av.	Scarboro	M1N 1V7
LOGEL Ron	3978 Ellesmere Rd	Scarboro	M1C 1J2
LOMER Gord	21 Griffin Drive	Scarboro	M1B 1A4
LONGHORN Karen	536 Westshore Blvd	Pickering	L1W 2T6
LUETAM Norman	80 Huntingdale Blvd	Agincourt	M1W 1T1
LUMSDEN George	34 Tilman Cir	Markham	L3P 6A5
LUNZMAN M.	96 Laurel Av	Scarboro	M1K 3J9
LYNCH Myles	140 Milner Ave Ut.4	Scarboro	M1S 3R3
MACCHESNEY Mike	108 Chine Dr	Scarboro	M1M 2K9
MACDONNELL Dennis	37 Clydesdale	Willowdale	M2J 3N1
MACINTYRE Robert	151 Ridgewood Rd	West Hill	M1C 2X3
MAIER Erwin	53 Tansley Av	Scarboro	M1J 1P2
MAIETTA Gino	3614 Ellengale Dr	Mississauga	L5H 1Z7
MAIONE Peter	287 Gowan Avenue	Toronto	M4J 2K7
MARKS Dave	5075 Yonge St. Ste.302	Toronto	M2N 6C6
MARSHALL Robert	91 Glenforest Road	Scarboro	M4N 2A1
MARTIN Lloyd	70 Wicklow Dr	Scarboro	M1T 1R5
MARTIN Ted	57 Alfreda Blvd	Scarboro	M1L 4L5
MAURO Sal	624 McCowan Rd	Scarboro	M1J 1K3
MAWDSLEY Steve	140 Lillian dr	Scarboro	M1R 3W7
MAY Fred	1185 Eglinton Ave East	Toronto	M3C 3C7
MCCUE Paul	160 Borough Dr	Scarboro	M1P 4N7
MCGREGOR Bob	726 O'Connor Dr	Toronto	M4C 3A9
MCGUIRK C.	112-100 Graydon Hall	Don Mills	M3A 3A8
MCINNIS C.	12 Hartford Av	Toronto	M4L 1N9
MCLEAN Gordon	20 Graydon Hall	Don Mills	M3A 3A1
MCLEOD Bob	24 Cudham Dr	Agincourt	M1F 3J6
MCMASTER Greg	744 Aspen Rd	Pickering	M1V 2H2
MCMULLEN Steve	26 Gilmour Dr	Ajax	L1S 5J5
MCNEIL Owen	1 Ravenview Dr	Scarboro	M1E 3L9
MIDDLETON Wayne	5 Glamorgan Ave#410	Scarboro	M1P 4P1
MILLER Bob	64 Marcos Blvd	Scarboro	M1K 5T9
MITCHELL Chris	3947 Lawrence Avenue	Scarboro	M1G 1R7
MOLE Barry	69 Northfield Rd	Scarboro	M2J 4X5
MORGAN Brad	77 Pitfield Rd	Scarboro	M1S 1V3
MORTON Paul	18 Deanscroft Sq	West Hill	M1E 4W9
MORTON S.	195 Rexleigh Dr #101	E.York	M4B 2N8
MOYLES Roger	1284 Danforth Rd#512	Scarboro	M1S 1E8
MUCCIO Lena	1696 Fairfield Cres	Pickering	L1V 6H8
MUELLER Gary	58 Rands Rd	Ajax	L1S 3P3

MULLETT Andrew	1165 Kennedy Rd	Scarboro	M1Z 2K8
MURDOCH Bill	45 Norway Avenue	Toronto	M4L 1P7
MURDOCK Gavin	5 Blueking Cres	Scarboro	M1C 4V3
MURRAY K.	484 Midland Av	Scarboro	M1N 4A7
NEWITT Tom	7400 Birchmount Rd	Markham	L3R 5V4
NICHOLSON Ken	1003 Castlefield Av	Toronto	M6B 1E4
NICOLAOU Tom	69 Willowmount Dr	Scarboro	M1L 1Y2
OIKAWA Steve	2 Millmere Dr	Scarboro	M1G 2B1
O'CONNOR	16 Hillman Dr	Ajax	L1S 6Y3
O'Dorico	111 Drayton Av	Toronto	M4C 3L8
O'LEARY C.	88 Barker Av	E. York	M4C 2N6
O. OTTO	15 Sunrise Dr	Scarboro	M4A 1A8
PALLESCHI Frank	78 Elinor Avenue	Scarboro	M1R 3H4
PALUMBO Jack	197 Gillard Av	Toronto	M4J 4N9
PAPAIOANOU Mike	126 Old Sheppard	Willowdale	M2J 3M1
PAPPAS Bill	698 Lawrence Ave W.	Toronto	M6A 3A9
PAPULKAS George	96 Gates Av	Toronto	M4C 1T3
PAUZE Marc	4000 Lawrence Av E#407	Scarboro	M1E 2R3
PECK Dave	39 Clearlake Av	West Hill	M1C 4A4
PELLETTIER Al	36 Shawford Cr	Scarboro	M1G 1V8
PENNY Dave	3 Howell Sq.	Scarboro	M1C 2V6
PERRIER Michael	95 Mural St	Rich. Hill	L4B 3G3
PERRY Jeff	2 Manse Rd	West Hill	M1E 3T9
PETROU S.	80 Cedarbrae Blvd	Scarboro	M1J 2K5
PHILLIPS Creg	20 Dean Pk.Rd. #704	Scarboro	M1V 2G9
PICCITTO John	3845 Sheppard Av E512	Scarboro	M1T 3S8
PIERCE Ed	7 Charterhouse Rd	Scarboro	L3R 2T4
PIGEON D.	42 Acre Heights Cres	Scarboro	M1H 2N9
PINTI S.	170 Valley Stream Dr	Scarboro	M1V 2A5
POON Norman	17 Earl Thorpe Ct	Scarboro	M1H 2P8
PURCELL Scott	86 Patterson Av	Scarboro	M1C 3Y4
PYNKOSKI Paul	34 Merrylynn Dr	Rich. Hill	L4C 5A9
RAMANO Mario	101 Ivy Avenue	Toronto	M4L 2H8
RANELLI B.	11 Hogan Dr	Scarboro	M1G 2H1
RASHIO John	Canadian Tire	Scarboro	
RAVEN Virginia	2 Golden Gate Ct	Toronto	M1P 3A5
READING Dave	1033 Danforth Rd	Scarboro	M1K 1J8
READING Dave	1033 Danforth Rd	Scarboro	M1K 1J8
REEVES C.	RR#1	BROOKLIN	L0B 1L0
REHEL H.	15 Park St	Scarboro	M1N 2M9
RICCI Fulvio	4630 Sheppard Av	Scarboro	M1S 3V5
RICHARDS Duane	191 Darlingside Dr	West Hill	M1E 3P8
RIDRIGUES	62 Kingsdown Dr	Scarboro	M1K 3C1
RITCHIE Warren	185 Galloway Rd #23	Scarboro	M1E 2Z7
ROBERTS G.	2094 Gerrard St	Toronto	M4E 2B9
ROBERTSEN Mike	15 Cosburn Av #308	E.York	M4S 2B9
ROGERS Ted	5 Marlena Dr	West Hill	M1E 2Y9
ROPESON G.	331 Rouge Hill Dr	Scarboro	M1C 2Z4
ROSEN S.	809-93 Throncliff Pk.	Toronto	M4H 1L7
ROSS Greg	82 Westcroft Dr	Scarboro	M1E 3A5
ROSS G.	82 Westcroft Dr	Scarboro	M1E 3A5
RUDDY Bob	41 Fullerton Cres	Markham	L3R 3G4
RUSSELL Bob	207 Mohawk Rd	Oakville	L6C 2Z2
RUZNISKY Myron	83 Purple Dusk Trail	Scarboro	M1E 4C6
SACHEDIAN Hanif	27 Bradstone Sq.	Scarboro	M1B 1W1
SARAMAKI Brian	781 Tapscott Rd	Scarboro	M1X 1A1
SARGENT Keith	31 Elmont Dr	Toronto	M4B 2M2

SCHNURR Al	49 Deerfield Rd	Scarboro	M1P 3P4
SCIARRI Dominic	160 Carol Breen Sq.	Scarboro	M1V 1H5
SEESSLE Peter	44 Goodfellow Crt	BOLTON	L7E 5X4
SEETO Len	316 Beresford Av	Toronto	M6S 3B3
SHARPE Adam	4 Markdale Av #3	Toronto	M6C 1S9
SHUM Michael	102 Statesman Sq	Scarboro	M1S 4H8
SHUM Robert	53 Joanna Dr	Scarboro	M1R 4J2
SIMMONS Michael	36 Cobham Cres	N. York	M4A 1V6
Singh Jeff	22 Chalanger Cr	Scarboro	M1C 4T9
SINGLETON Marc	14 Grey Abbey Trail	West Hill	M1E 1V7
SMART Don	25 Morane Hill	Scarboro	M1T 2A1
SMITH Brian	21 Worsley Ct	N. York	L3K 1V3
SMITH Mike	665 Foxwood Trail	Pickering	L1V 3X9
SMITH Rick	206-130 Foxridge Dr	Scarboro	M1K 2G7
SMITH Wayne	30 Courtlands Dr	Scarboro	M1B 4N5
SOPIET Todd	803 Kennedy Rd #4	Scarboro	M1X 1A5
SORA Al	28 Oakworth Cres	Scarboro	M1K 3J8
SPICER Al	207 Three Valleys Dr	Don Mills	M3A 3L7
SPICER A.	207 Three Valley	Don Mills	M3A 3L7
SPROULE Peter	595 Cornation Dr	Scarboro	M1E 4R9
STEWART Angus	1 Lauralynn Court	Scarboro	M1S 2H3
STEWART John	2885 Kennedy Road	Scarboro	M1V 1S8
STIDEL J.	34 Brenton St	E. YORK	M4B 1C9
STROUD Glen	2 Leroy Avenue	Toronto	M4J 4G7
STUBBINGS Brian	366 Friendship Ave	Scarboro	M1C 2Y3
SWAIN Len	1042 Glenanna Rd	Pickering	L1V 4L6
TAM	99 Dagmar Av	Toronto	M4M 1V9
TARACHANDRA Sanday	124 Placentia Blvd	Agincourt	M1S 4C5
TAYLOR Don	23 Fry Crt	Markham	L3P 4G9
TAYLOR Gary	27 Penetang Crescent	Scarboro	M1K 4Y4
TAYLOR Jim	2 Tams Dr	Ajax	L1Z 1A3
TEMPLETON Blake	14 Monmouth Ct.	Scarboro	M1H 2T5
TERRY Jack	39 South Mead Rd	Scarboro	M1L 2H9
THEIS Bob	27 Herman Dr	Ajax	L1S 5H7
THOMPSON Brian	122 Bertrand Av	Scarboro	M1K 2T1
THRIFT Dave	1101 Pteunia Dr	Pickering	L1V 4N5
THURSTON Bob	4662 Kingston Rd #127	West Hill	M1E 4T7
TREW Herb	10 Earswick Dr	Scarboro	M1E 1C6
VIGGIANI Chris	7 Duggan Av	Toronto	M4V 1Y1
VOLKEY S.	702-560 Birchmount Rd	Scarboro	M1K 1P5
WAGNER Rick	300 Invergordon Ut.26	Scarboro	M1S 4K7
WALKER Brian	37 Santamonica Blvd	Scarboro	M1L 4H3
WALKER Darrell	665 Tennyson Av	Oshawa	A1H 3K3
WALKER K.	918-105 Rowena Dr	Don Mills	M3A 1R3
WALL T.	376 Rosebank Rd	Pickering	L1W 2N4
WATKINS Ed	37 Nestlecreek Cres	Scarboro	M1V 4K8
WATSON Bryan	70 Stevendale Dr	Scarboro	M1G 1E1
WELLS B.	1005-165 Barrington Av	Toronto	M4N 5M6
WHELER Tom	49 Deerfield Rd	Scarboro	M1K 4X2
WHIGHTON A.	548 Milverton Blvd	Toronto	M4C 1X5
WHITE Norm	1799 Listowel Cres	Pickering	L1V 2Y2
WIGMORE Dave	32 Kitson Dr	Scarboro	M1M 3C8
WILLIAMS Al	58 Commonwealth Ave	Scarboro	M1K 4G2
WILSON Steve	101 Milner Ave	Scarboro	M1S 4S6
WONG Jim	70 Ivy Ave	Toronto	M4L 2H7
YARCHUK Wayne	200 Consumers Rd. 9/F	Willowdale	M2J 4R4
YOUNGS Phil	5850 Younge St St.105	Willowdale	M2M 3V6

SOURCES

•INTERVIEWS:

John Panthere
Hockey Development Centre Ontario
1220 Sheppard Ave , E.
Toronto, Ontario

Althia Arsenault - Sharkey
Ball Hockey Association of Ontario
1220 Sheppard Ave., E.
Toronto, Ontario

Figure Skating Ontario/Ontario Council, Canadian Figure Skating Association
1220 Sheppard Ave., E.
Toronto, Ontario

Tom Peters
Lacrosse Association of Ontario
1220 Sheppard Ave., E.
Toronto, Ontario

•REPORTS/ARTICLES:

"Ice Use in Ontario Arenas", Hockey Development Centre Ontario, March 1988.

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